

G 95/982-83

U.S. Department of the Interior
Minerals Management Service

Gulf of Mexico Index

September 1982 - July 1983

NEWARK PUBLIC LIBRARY

JUL 9 1984

U.S. GOVT. PUBS.
DEPOSITORY 376



Outer Continental Shelf Oil and Gas Information Program

READER

To receive this or future editions of the Gulf of Mexico Index and for information regarding this index, contact the following office:

OCS Information Program
Office of Offshore Information Services
Minerals Management Service, MS 640
12203 Sunrise Valley Drive
Reston, VA 22091
(703) 360-7166

The documents referred to in this index are available for inspection in the following office:

Minerals Management Service
Gulf of Mexico Regional Office
3301 North Causeway Boulevard
P.O. Box 7944
Metairie, LA 70010
(504) 837-4720

PUBLICATION STATUS OF OCSIP DOCUMENTS

Summary Reports

North Atlantic		Mid-Atlantic		South Atlantic	
Initial	7/81	Initial	11/79	Initial	7/80
Update	4/82	Update	6/80	Update	2/81
Update	2/83	Update	2/81	Update	8/81
Update	6/83	Update	8/81	Revision	6/82
		Revision	10/82	Update	2/83
		Revision	10/83	Revision	12/83
Gulf of Alaska		Arctic		Bering Sea	
Initial	9/80	Initial	10/81	Initial	9/83
		Update	5/82		
Revision	6/81	Revision	1/83		
		Update	10/83		
Revision	6/82				
Update	4/83				
Pacific		Gulf of Mexico			
Initial	5/80	Initial	9/80		
Revision	5/82	Revision	8/81		
Revision	12/82	Revision	8/82		
Revision	9/83	Revision	9/83		

Indexes

Pacific		Atlantic		Alaska		Gulf of Mexico	
Initial	10/80	Initial	11/80	Initial	11/80	Initial	11/80
Revision	6/81	Revision	6/81	Revision	11/81	Revision	8/82
Revision	3/83	Revision	5/83	Revision	4/83	Revision	11/83

NOTE: A revision of a document is made when a significant event, such as a lease offering, has occurred. An update of a document is made if no significant event has occurred; it is less detailed than a revision.

U.S. Department of the Interior
Minerals Management Service

Gulf of Mexico Index

September 1982 - July 1983

by Mary Ann Collignon

**Prepared for the
Outer Continental Shelf Oil and Gas Information Program
Contract No. 14-08-0001-19719**

**Rogers, Golden & Halpern, Inc.
11872-D Sunrise Valley Drive, Reston, Virginia 22091
1427 Vine Street, Philadelphia, Pennsylvania 19102**

The Outer Continental Shelf (OCS) Oil and Gas Information Program was established in 1978, as mandated by the OCS Lands Act as amended. The Amendments and subsequent regulations (30 CFR 252) require that the **Minerals Management Service** make available to affected States, local governments, and other interested parties, offshore-related data and information in the form of regional **summary reports** and **indexes**. These documents are available on request and are updated as significant changes in the information in a region occur.

Summary reports are designed to provide State, regional, and local planners with current information for use in anticipating and planning for onshore impacts of offshore oil- and gas-related activities. These reports are also used by industry representatives, private citizens, and Federal officials. Summarized information includes the most recent geological or geophysical data, resource and reserve estimates, the magnitude and timing of exploration, development, and production activities, transportation plans, and nature and location of onshore facilities. Relevant Federal, State, and local studies and issues are also included. The information presented in the summary report is a synthesis of information obtained through field interviews with representatives of Federal, State, and local governments and the private and public sectors, coupled with analyses of relevant government and industry studies and publications. **Indexes** list all relevant, actual, or proposed programs, plans, and reports used by the Federal Government in pre- and postlease offshore oil and gas activities. They also describe and explain the significant steps in the offshore leasing process. Furthermore, the indexes contain the only consolidated directory of Federal and State agencies involved in the offshore leasing process.

NOTE TO READERS

From March 1, 1983, through January 12, 1984, the Minerals Management Service was directed to replace the term "lease sale" with "lease offering" and to discontinue the use of lease sale numbers. However, those leasing actions based on tract selection procedures continued to be designated by lease sale numbers with the addition of area identifiers (Lease Sale 69, Gulf of Mexico). Leasing actions based on area-wide offerings (those resulting from the implementation of accelerated leasing and procedural streamlining in the July 1982 final 5-year OCS oil-and-gas leasing schedule) were to be designated by area and date of the proposed action. The following list shows the leasing terminology used during the time period mentioned above and in this document:

- Mid-Atlantic Lease Offering (April 1983)
- Central Gulf of Mexico Lease Offering (May 1983)
- Western Gulf of Mexico Lease Offering (August 1983)
- Eastern Gulf of Mexico Lease Offering (January 1983)
- South Atlantic Lease Offering (July 1983)

The last leasing action to use tract selection procedures was Lease Sale 73, off central California. Area-wide offerings and the deletion of numerical identifiers began with the Mid-Atlantic Lease Offering (formerly the Mid-Atlantic Lease Sale 76). However, beginning mid-January 1984, in compliance with new direction from the Secretary of the Interior, the use of the term "sale" and sale numbers were reinstated, and such designations will be reflected in all future editions of the Index.

English-Metric Conversion

(The following table gives the factors used to convert English units to metric units.)

Multiply English units	by	to obtain metric units
feet	0.3048	meters
statute miles	1.6093	kilometers
geographic (nautical) miles	1.8520	kilometers
acres	0.4047	hectares

NOTE: Distances on the Federal Outer Continental Shelf and on land are measured in statute miles. Within the 3-geographic-mile limit, distances on State-owned offshore areas are measured in geographic miles.

Abbreviations and Acronyms

APD	- application for permit to drill
BLM	- Bureau of Land Management
CEIP	- Coastal Energy Impact Program
CFR	- Code of Federal Regulations
COST	- Continental Offshore Stratigraphic Test
CZM	- Coastal Zone Management
DEIS	- draft environmental impact statement
DOI	- U.S. Department of the Interior
DST	- deep stratigraphic test
EIR/EA	- environmental impact report/environmental assessment
EIS	- environmental impact statement
EPA	- Environmental Protection Agency
FEIS	- final environmental impact statement
FONSI	- finding of no significant impact
FWS	- Fish and Wildlife Service
m ²	- square meters
m ³	- cubic meters
MMS	- Minerals Management Service
NEPA	- National Environmental Policy Act of 1969
NOAA	- National Oceanic and Atmospheric Administration
NOI	- notice of intent
NPDES	- National Pollutant Discharge Elimination System
NPS	- National Park Service
NTL	- Notice to Lessees
OCS	- Outer Continental Shelf
OCSEAP	- Outer Continental Shelf Environmental Assessment Program
OCSIP	- Outer Continental Shelf Information Program
ORCA	- Ocean Resources Coordination and Assessment
RTMP	- Regional Transportation Management Plan
RTWG	- Regional Technical Working Group
SID	- Secretarial Issue Document
STWG	- State Technical Working Group
U.S.C.	- United States Code
USGS	- U.S. Geological Survey

Contents

Note to readers	vi
English-metric conversion.....	vii
Abbreviations and acronyms	vii
1. Introduction	1
Content and format of the index	2
The offshore leasing process	2
OCS oil-and-gas leasing schedule	5
Development of the schedule.....	5
Current schedule (July 1982).....	6
2. Lease sales and lease offerings.....	9
Lease Sale 69, Part I (1982) and Part II (1983).....	9
Central Gulf of Mexico Lease Offering (May 1983)	16
Other lease offerings in 1983	16
1984 proposed lease offerings.....	16
1985 - 1987 lease offerings	16
3. Leasing process.....	17
Streamlining of existing offshore procedures.....	17
Documents and data for lease offerings	17
Pre-call activities.....	18
Prelease phase	19
Step 1. Call for information	19
Step 2. Area identification	21
Step 3. Draft environmental impact statement.....	21
Step 4. Final environmental impact statement	22
Step 5. Proposed notice of lease offering.....	23
Step 6. Notice of lease offering.....	25
Postlease phase.....	26
Step 7. Lease offering	26
Step 8. Exploration plan and environmental report	27
Step 9. Environmental assessment for exploration.....	45
Step 10. Exploration drilling.....	47
Step 11. Development and production plan and environmental report.....	52
Step 12. Environmental analysis for development and production.....	71
Step 13. Development and production drilling.....	72
Step 14. Pipelines	80
Step 15. Production	80
Step 16. Lease cancellation, expiration, or relinquishment.....	81
4. Ongoing programs	83
Geological and geophysical surveys and analyses	83
Deep stratigraphic test (DST) wells	84
Regional Technical Working Group	84
Regional environmental and socioeconomic studies	84
OCS Oil and Gas Information Program	86

Appendix A. Listing of Federal agencies--headquarters and regional	87
Appendix B. Listing of Gulf of Mexico Region State agencies and their offshore-related functions	99
State participation in the Federal leasing process	99
Autonomous State responsibilities for offshore-related activities	100
State agency listings	100
Appendix C. Federal depository libraries	117
Appendix D. Additional offshore-related information	119
OCS Orders	119
OCS Statistical Summary	119
Minerals Management Service OCS Standards	120
Reproduction of Federal documents	120
Glossary	123

Illustrations

FIGURE 1. Diagram of the offshore leasing process--prelease phase	3
2. Diagram of the offshore leasing process--postlease phase	4
3. July 1982 final 5-year OCS oil-and-gas leasing schedule	7
4. Map of Eastern Gulf of Mexico offshore planning area	13
5. Map of Central Gulf of Mexico offshore planning area	14
6. Map of Western Gulf of Mexico offshore planning area	15

Tables

TABLE 1. Summary of Gulf of Mexico Federal lease sales/offerings and proposed offerings through 1987	10
2. DST wells in the Gulf of Mexico area	85
3. ALABAMA: State responsibilities related to Federal offshore oil and gas activities	101
4. FLORIDA: State responsibilities related to Federal offshore oil and gas activities	104
5. LOUISIANA: State responsibilities related to Federal offshore oil and gas activities	108
6. MISSISSIPPI: State responsibilities related to Federal offshore oil and gas activities	111
7. TEXAS: State responsibilities related to Federal offshore oil and gas activities	114

1. Introduction

The United States manages the resources of the Outer Continental Shelf (OCS). To assist in achieving national economic and energy policy goals, to assure national security, to reduce dependence on foreign sources, and to maintain a favorable balance of payments in world trade, the Department of the Interior (DOI) conducts a leasing program for offshore oil-and-gas development. DOI manages and regulates many of the activities that relate to leasing, exploration, development, and production of these offshore mineral resources. The authority to conduct these activities was assigned by Congress to the Secretary of the Interior under the Outer Continental Shelf Lands Act of 1953 (43 U.S.C. 1331-1356), as amended in 1978 (43 U.S.C. 1801-1866). Many related responsibilities were delegated to the Minerals Management Service (MMS) on January 19, 1982, when the Secretary of the Interior issued Secretarial Order 3071. This order separated the Conservation Division from the U.S. Geological Survey (USGS) to form the Minerals Management Service.

On May 10, 1982, the Secretary expanded the responsibilities of MMS by amending that order to consolidate all offshore leasing and resource management functions formerly delegated to the Bureau of Land Management into MMS. The consolidation is designed to provide more efficient management of the development of offshore resources. Under the original order, MMS was supervised by a Minerals Management Board. On December 3, 1982, the Secretary signed Secretarial Order 3087, abolishing the Minerals Management Board and placing MMS under the supervision of the Assistant Secretary for Energy and Minerals.

The Outer Continental Shelf Oil and Gas Information Program was created under section 26 of the OCS Lands Act, as amended in 1978 (43 U.S.C. 1352). On January 12, 1983, the Director of MMS placed the OCS Information Program under the direction of MMS's Office of Offshore Information Services. Authorities and operating procedures related to this program are detailed in the Code of Federal Regulations at 30 CFR 252.5 and 30 CFR 256.10(b) (43 CFR 3300 was redesignated as 30 CFR 256 on October 22, 1982).

The OCS Information Program prepares regional indexes that list relevant, actual, or proposed programs, plans, reports, environmental impact statements, and other lease offering information. The indexes are provided on a regular basis to coastal States and, upon request, to local governments and the public.

In May 1981, the OCS Information Program issued an initial **Gulf of Mexico Index (January 1978 - November 1980)** that documented the period from January 1978 to November 1980. The second edition supplemented the first edition and covered the period of December 1980 to August 1982. This third edition of the **Gulf of Mexico Index** covers the period from September 1982 to July 1983.

The OCS Information Program also issues regional summary reports and updates, which provide current information about offshore oil-and-gas exploration, development, production, and related onshore activities to assist affected State and local governments in planning for potential impacts. (See p. iii for a list of documents published to date.)

CONTENT AND FORMAT OF THE INDEX

Chapter 1 describes the offshore leasing process from a national perspective and discusses the 5-year leasing program. Information on the July 1982 final 5-year OCS oil-and-gas leasing schedule, which is based on a streamlined leasing process to expedite offshore oil-and-gas exploration and development, is also presented. Chapter 2 chronicles the oil- and gas-related history of the Gulf of Mexico Region from 1978 to the present. Chapter 3 describes the steps in the prelease and postlease process. It also includes the new prelease procedures, such as the Call for Information and Area Identification. Relevant documents produced from September 1982 through July 1983 are listed by lease sale or offering for each step. Chapter 4 reports on programs of the MMS that support the offshore leasing process. The appendixes include directories of Federal and State offshore-related contacts and other information pertinent to the offshore leasing process.

Except when otherwise noted, all the documents listed within this index are available for public inspection as of July 31, 1983, during hours of operation at the MMS regional office. A fee may be charged for copies of some materials. Prelease environmental impact statements can also be reviewed at selected depository and other designated libraries. A partial listing of depository libraries may be found in appendix C of this index. Prelease and postlease documents can be reviewed at the MMS regional office shown below:

Minerals Management Service
Gulf of Mexico Regional Office
3301 North Causeway Boulevard
P.O. Box 7944
Metairie, LA 70010
(504) 837-4720

THE OFFSHORE LEASING PROCESS

The OCS Lands Act, as amended, provides the authority under which the Secretary of the Interior supervises offshore mineral leasing and operations. Regulations implementing the Act establish procedures through which the Secretary exercises this authority. Title 30, parts 250, 251, 252, and 256 (formerly 43 CFR 3300), of the Code of Federal Regulations covers the offshore activities administered by the Secretary. Within DOI, MMS has primary responsibility for management of offshore leasing and mineral operations. Numerous other State and Federal agencies participate throughout the process.

For the purposes of this index, the offshore leasing process has been broken into a series of 16 steps, which are described in chapter 3. The prelease phase is outlined in figure 1, and the postlease phase is outlined in figure 2.

The purpose of the prelease phase of the offshore leasing process is to select and evaluate areas to be offered for lease within the broad geographical areas listed on the July 1982 final 5-year OCS oil-and-gas leasing schedule. During this phase, geological, geophysical, environmental, and economic data are collected, analyzed, and refined. MMS gathers and analyzes these data, develops technical information on potential mineral resources, geologic hazards, and other information pertinent to the leasing decisions and sponsors biological and socioeconomic studies pertinent to impact assessments. In addition, other Federal and State agencies provide information appropriate to their areas of expertise, including social and economic data, especially during the preparation of the lease offering environmental impact statement (EIS). MMS is responsible for coordinating and analyzing all prelease data, for identifying new information needs, and for evaluating

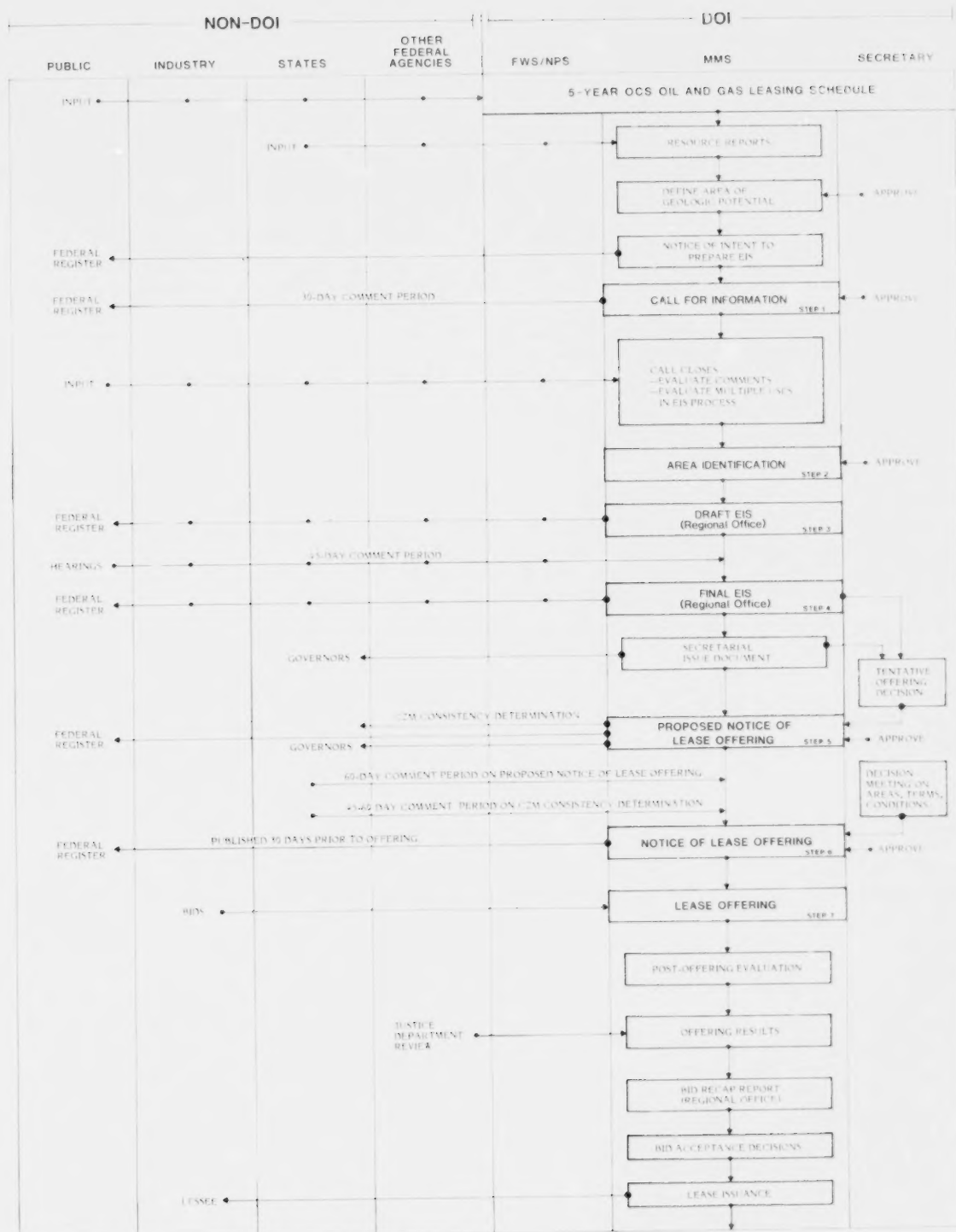


FIGURE 1.--Offshore leasing process--prelease phase.

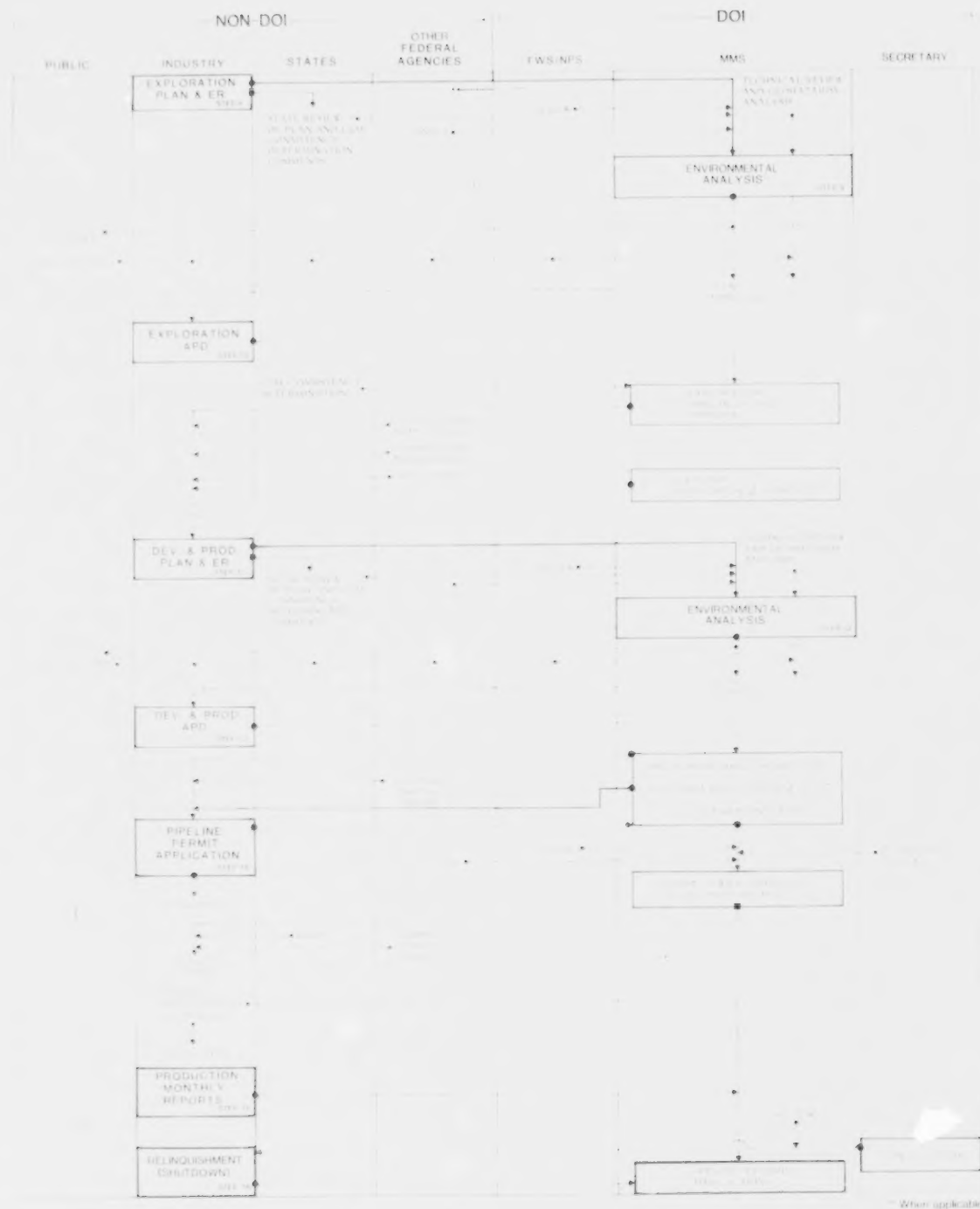


FIGURE 2.--Offshore leasing process--postlease phase.

comments from State and local governments and the public.

The postlease phase of the offshore leasing process begins after leases have been issued by the MMS regional office. MMS is responsible for supervising and regulating exploration, development, and production activities on the leased tracts. MMS evaluates and approves exploration, development, and production plans and approves drilling permit applications under those plans. Pipelines for the transportation of oil and gas from producing wells also require permits granted by MMS.

OCS OIL-AND-GAS LEASING SCHEDULE

30 CFR 256 (subpart B)
(formerly 43 CFR 3310)

The Secretary of the Interior is responsible for the preparation, maintenance, and periodic revision of a leasing program. The program consists of a schedule of proposed lease offerings, indicating the size, timing, and location of leasing activity that the Secretary determines will best meet national energy needs for a 5-year period following approval of the program. In accordance with section 18(e) of the amended OCS Lands Act, the Secretary reviews the leasing program at least once a year. He may revise and reapprove the program at any time. The program must be developed on the basis of a number of environmental, economic, and other factors. Further, the Secretary is required to balance the potential for environmental damage, the potential for the discovery of oil and gas, and the potential for adverse effects on the coastal zone.

Development of the Schedule

Pursuant to the OCS Lands Act Amendments of 1978, regulations (30 CFR 256 subpart B, previously 43 CFR 3310) were pub-

lished in the **Federal Register** on October 26, 1978 (43 F.R. 50055), establishing procedures to be followed in developing the 5-year leasing schedule. During the preparation of a proposed 5-year leasing program, the Secretary of the Interior is required to invite and consider suggestions and relevant information from all interested parties, including Federal agencies, industry, the Governors of affected States, and, through the States, local governments, and from the general public.

The request for information is issued as a notice in the **Federal Register**. Comments are requested on the geographical, geological, and ecological characteristics of the broad areas under consideration, other uses of offshore resources and space, identification of areas of environmental sensitivity and marine productivity, and the technological feasibility of, time periods required for, and interest in offshore exploration and development. The Secretary also sends letters to the Governors of affected States, asking them to identify specific laws, goals, and policies they believe should be considered by the Secretary in connection with the leasing program. States that are developing or administering a coastal zone management (CZM) program are also requested to supply information concerning the relationship between their CZM programs and potential offshore oil-and-gas activity.

After considering comments and information received, the Secretary prepares a draft proposed leasing program. A copy is sent to the U.S. Attorney General and to the Governors of affected States at least 60 days prior to publication in the **Federal Register** of a proposed program. The Governors may solicit comments from executives of local governments that are affected by the draft proposed program. The Secretary will respond in writing to any requests made by the Attorney General or the Governors for modification of the draft proposed program if they are received at least 15 days before the proposed program is submitted to Congress. Within 90 days after publication of the proposed program in the **Federal Register**, comments for recommendations may be submitted on any aspect of the program.

At least 60 days prior to the approval of a final program, the Secretary submits it to the President and Congress, along with any comments received on the proposed program. This submission must indicate why any specific recommendations of the Attorney General or of a State or local government were not accepted. Sixty days after Presidential and Congressional notification, the Secretary of the Interior may approve the leasing program and publish it in the **Federal Register**.

Current Schedule (July 1982)

A final environmental impact statement on the June 1980 5-year OCS oil-and-gas leasing schedule was published by the Bureau of Land Management in January 1980. It presented a description of the environments affected by the proposed schedule, the environmental consequences of implementing the schedule, and alternatives to the schedule and their impacts. The Secretary of the Interior

revised the June 1980 schedule to establish the 5-year OCS oil-and-gas leasing schedule for 1982-87. A final supplement to the 1980 final EIS was published in March 1982. It examined the potential environmental risks of the proposed offshore leasing program issued in July 1981.

The final 5-year OCS oil-and-gas leasing schedule for 1982-87 was approved by Secretary Watt and announced on July 21, 1982 (see fig. 3). The schedule is comprised of 41 lease offerings scheduled from August 1982 to June 1987, including 12 in the Gulf of Mexico Planning Areas.

As part of the current 5-year OCS oil-and-gas leasing program, some of the existing lease offering preparation procedures have been streamlined and clarified. The revisions reflect administrative and technical changes and were made final in a **Federal Register** notice on June 16, 1982 (47 F.R. 25967). A description of these procedures is presented in chapter 3 of this Index.

FINAL 5-YEAR OCS OIL & GAS LEASING SCHEDULE

U.S. Department of the Interior
Minerals Management Service

Proposed Sale Dates

July 1982

1982	1983	1984
RS 2 August	*70 St. George Basin February	80 S. California January
71 Diapir Field September	76 Mid Atlantic April	82 N. Atlantic February
52 North Atlantic October	72 C. Gulf of Mexico May	83 Navarin Basin March
69 Gulf of Mexico October	78 S. Atlantic July	81 C. Gulf of Mexico April
57 Norton Basin November	74 W. Gulf of Mexico August	87 Diapir Field June
	73 C. & N. California September	84 W. Gulf of Mexico July
	79 E. Gulf of Mexico November	88 Gulf of Alaska/Cook Inlet October
		89 St. George Basin December
1985	1986	1987
90 S. Atlantic January	95 S. California January	108 S. Atlantic January
85 Barrow Arch February	96 N. Atlantic February	109 Barrow Arch February
92 N. Aleutian Basin April	107 Navarin Basin March	110 C. Gulf of Mexico April
98 C. Gulf of Mexico May	104 C. Gulf of Mexico April	86 Shumagin June
111 Mid-Atlantic June	97 Diapir Field June	
102 W. Gulf of Mexico August	105 W. Gulf of Mexico July	
91 C. & N. California September	99 Kodiak October	
100 Norton Basin October	101 St. George Basin December	
94 E. Gulf of Mexico November		

* The Department will consult with the Alaska Land Use Council following issuance of the Proposed Notice of Sale.



Jim Watt

Secretary of the Interior

NOTE: Leasing terminology has changed. See the Note to Readers at the front of this report for explanation. For questions regarding the timing of events leading up to a lease sale or offering, contact Michele Tetley, Chief, Office of Offshore Information Services, at (202) 343-9314, or Chris Oynes, Acting Chief, Offshore Leasing Management Division, at (202) 343-6906.

FIGURE 3.—July 1982 final 5-year OCS oil-and-gas leasing schedule. (U.S. Department of the Interior, 1982, Adoption of 5-year OCS leasing schedule announced; Washington, D.C., news release, July 21, 7 p.)

2. Lease Sales and Lease Offerings

There have been 47 oil and gas lease sales in the Gulf of Mexico Region. The first of these sales, Lease Sale 1, occurred on October 13, 1954. From that initial sale through 1977, there were 34 oil and gas lease sales. In 1978, Congress enacted the Outer Continental Shelf (OCS) Lands Act Amendments. This legislation resulted in new regulations that formalized the steps in the leasing process. For sales held prior to the effective date of current regulations, formal documents for public review are not available for all the leasing steps detailed in figures 1 and 2. This Index catalogs documents produced and made publicly available since January 1, 1978, and this edition chronicles the period from September 1982 to July 1983. Table 1 is a summary of Gulf of Mexico offshore oil and gas lease sales and offerings from 1954 through 1987. Figures 4, 5, and 6 show the administrative units of the Gulf of Mexico Region.

A brief history of Lease Sales 45, 65, 51, 58, 58A, A62, and 62 held in the Gulf of Mexico Region was presented in the **Gulf of Mexico Index (January 1978 - November 1980)**, USGS Open-File 81-33. The second edition of the **Gulf of Mexico Index (December 1980 - August 1982)** included a brief history of Lease Sales A66, 66, and 67, as well as an account of prelease sale events for Lease Sale 69 and Lease Sales 72, 74, and 79 (now Central Gulf of Mexico Lease Offering (May 1983) and proposed lease offerings in the Western Gulf of Mexico (August 1983) and in the Eastern Gulf of Mexico (November 1983)). The results of Lease Sale 69 and the Central Gulf of Mexico Lease Offering (May 1983) will be briefly summarized in this edition, as will the current status of proposed lease offerings.

Seven additional lease offerings are proposed on the current 5-year OCS oil-and-gas leasing schedule shown in figure 3.

LEASE SALES 69, PART I (1982) AND PART II (1983)

Lease Sale 69 was originally scheduled for October 1982. A decision was made to hold the sale in two partial offerings in order to allow time to complete the consistency determinations for the Gulf of Mexico Region offshore Florida. A discussion of the court case which influenced this decision by DOI can be found in appendix B of the **Gulf of Mexico Summary Report, September 1983**. The notice of sale for Lease Sale 69, part I, was published in the **Federal Register** October 18, 1982, and the sale was scheduled for and held on November 17, 1982. The sale offered 144 tracts offshore Texas and Louisiana, ranging from 3 to 140 miles (4.8-225 km) offshore in water depths from 6.5 feet to almost 7,900 feet (2-2,400 m). The acreage offered totaled 732,570 acres (296,470 hectares) located in the Central and Western Planning Areas in the Gulf of Mexico. A total of 151 bids were received on 67 of the tracts offered, and 11 of the high bids were rejected for insufficiency. One bid was rejected for procedural reasons. The total bonus accepted for the 56 leased tracts was \$609,178,223.

The notice of sale for Lease Sale 69, part II, was published in the **Federal Register** February 4, 1983, and the sale was held March 8, 1983. A total of 125 tracts encompassing 665,478 acres (269,320 hectares) was offered

TABLE 1.—Summary of Gulf of Mexico Federal lease sales/offerings and proposed lease offerings through 1987

Sale ¹	Sale/lease offering date ²	type ³	Planning area ⁴	No. of tracts/blocks offered	No. of tracts/blocks bid on	No. of bids received	Tracts/blocks leased number acres	Total bonus accepted (dollars)	No. of active leases ⁶
Section 6									
1	10/13/56	G	C	199	90	336	396,721	116,378,476	0
2	11/9/56	G	W	38	19	90	67,148	23,357,029	0
3	7/12/55	G	C&W	210	121	384	402,566	108,528,726	17
1956 (no sales)									
1957 (no sales)									
1958 (no sales)									
5	5/26/59	G	E	80	23	23	132,480	1,711,872	0
6	8/11/59	D	C	38	28	56	38,819	88,035,120	6
7	2/24/60	G	C&W	385	173	444	704,526	246,909,784	63
1961 (no sales)									
9	3/13/62	G	C	401	212	538	956,407	177,260,305	74
10	3/16/62	G	C&W	410	210	666	956,592	268,333,397	71
11	10/9/62	D	C	19	14	26	16,177	43,887,359	4
1963 (no sales)									
12	4/28/64	D	C	28	23	69	32,671	60,340,626	15
1965 (no sales)									
14	3/29/66	D	C	18	18	64	35,055	88,845,963	11
15	10/18/66	D	C	52	32	79	104,717	99,164,930	11
16	6/13/67	G	C	206	172	743	744,456	510,079,178	47
18	5/21/68	G	W	169	141	556	541,304	593,899,046	11
19	11/19/68	D	C	26	21	38	29,679	149,868,789	4
19A	1/14/69	D	C	38	26	40	48,504	44,037,339	6
19B	12/16/69	D	C	27	16	58	60,153	66,908,196	11
21	7/21/70	D	C	34	21	59	44,642	97,769,013	13
22	12/15/70	G	C	127	127	1,043	553,897	847,295,760	63
23	11/4/71	D	C	18	13	31	37,222	96,304,523	6
24	9/12/72	G	C	78	74	324	290,320	585,827,925	12
25	12/19/72	G	C	132	119	690	535,874	1,665,519,631	53
26	6/19/73	G	C&W	129	104	551	547,173	1,591,397,380	45

See footnote at end of table.

TABLE 1.—Summary of Gulf of Mexico Federal lease sales/offering and proposed lease offerings through 1987—Continued

Sale ¹	Sale/lease offering date ²	type ³	Planning area ⁴	No. of tracts/blocks ⁵ offered	No. of bids received	Tracts/blocks leased number	acres	Total bonus accepted (dollars)	No. of active leases ⁶
32	12/20/73	G	E	147	373	87	485,396	1,491,065,231	2
33	3/28/74	G	C	206	402	91	421,218	2,092,510,854	57
34	5/29/74	G	W	245	352	102	565,112	1,471,851,831	49
51	7/30/74	G	C&W	258	57	19	100,240	30,236,800	4
36	10/16/74	G	C	297	387	144	675,586	1,428,261,330	81
37	2/4/75	G	W	515	281	113	626,585	274,690,955	22
38	5/28/75	G	C&W	283	191	86	406,941	232,916,050	42
38A	7/29/75	G	C&W	345	179	66	336,300	163,214,006	36
41	2/18/76	G	C, W&E	132	81	34	161,285	175,976,493	15
44	11/16/76	D	C&W	61	117	43	178,127	379,148,962	29
47	6/23/77	G	C&W	223	424	124	605,426	1,170,093,432	59
45	4/25/78	G	C&W	145	283	90	438,756	733,656,893	86
65	10/31/78	G	E	89	62	35	201,294	61,176,730	34
51	12/19/78	G	C&W	128	288	81	412,416	871,464,998	80
58	7/31/79	G	C&W	123	316	81	391,182	1,247,489,022	81
58A	11/27/79	G	C&W	124	322	90	421,519	1,913,337,938	89
A62	9/30/80	G	C	192	506	116	551,643	2,676,927,673	116
62	11/18/80	G	W	81	268	67	383,323	1,417,961,511	67
A66	7/21/81	G	C&W	212	419	136	799,899	2,649,628,752	156
66	10/20/81	G	C&E	209	233	102	1,037,603	1,243,468,752	102
67	2/9/82	G	C, W&E	225	290	115	590,265	1,193,654,719	115
69 (1)	11/17/82	G	C&W	144	151	56	281,213	609,178,223	56
69 (2)	3/8/83	G	E	125	20	11	58,120	37,570,900	11
	5/25/83	G	C	7,050	1,015	623	3,089,872	3,367,606,134	615
	8/24/83	G	W	5,848	773	406	2,246,005	1,501,712,517	406
	11/83	G	E						
	4/84	G	C						
	7/84	G	W						
	5/85	G	C						

See footnote at end of table.

TABLE 1.—Summary of Gulf of Mexico Federal lease sales/offering and proposed lease offerings through 1987—Continued

Sale ¹	Sale/lease offering date ²	Type ³	Planning area ⁴	No. of tracts/blocks offered	No. of tracts/blocks bid on	No. of bids received	Tracts/blocks leased number acres	Total bonus accepted (dollars)	No. of active leases ⁶
	8/85	G	W						
	11/85	G	E						
	4/86	G	C						
	7/86	G	W						
	4/87	G	C						

SOURCE: MMS, Gulf of Mexico Region.

¹ Section 6 leases are offshore oil and gas leases sold by the States prior to the passage of the Outer Continental Shelf Lands Act in 1953 that were later validated as Federal leases under section 6 of the Act. Prior to Lease Sale 33, designators (numbered designations) were not preassigned to offshore lease sales. For ease of reference, however, a designator has been assigned to each sale. Lease Sale 4, a planned Gulf of Mexico sale, was cancelled in 1956.

² Dates for future leases offerings are based on the final 5-year OCS oil-and-gas leasing schedule.

³ G indicates general oil-and-gas lease sale; D indicates drainage oil-and-gas lease sale.

⁴ C=Central; E=Eastern; W=Western.

⁵ Beginning with the first areawide lease offering of May 1983, the administrative units offered for leasing are referred to as blocks.

⁶ Active leases as of September 1, 1983.

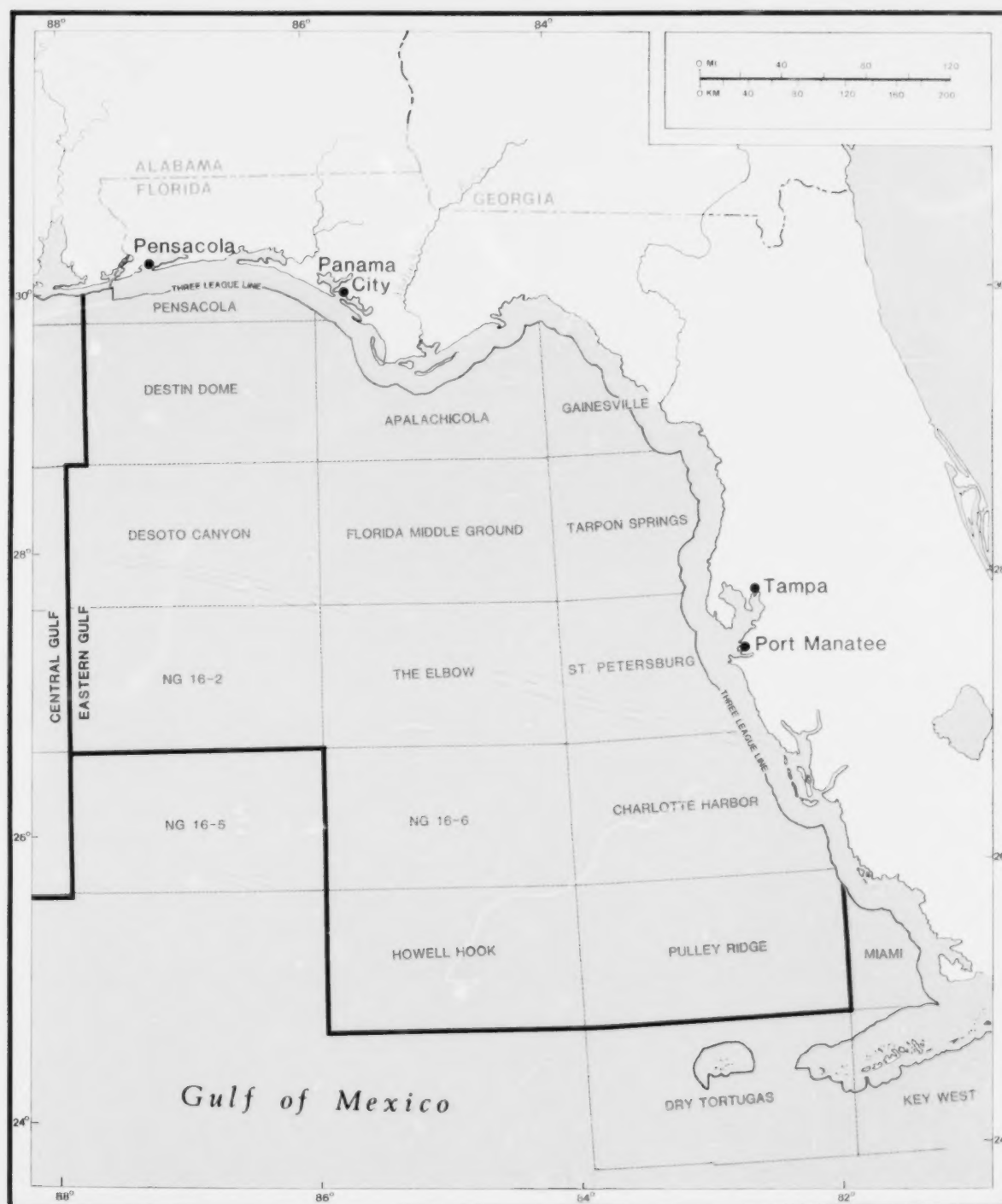


FIGURE 4.--The eastern Gulf of Mexico offshore planning area.

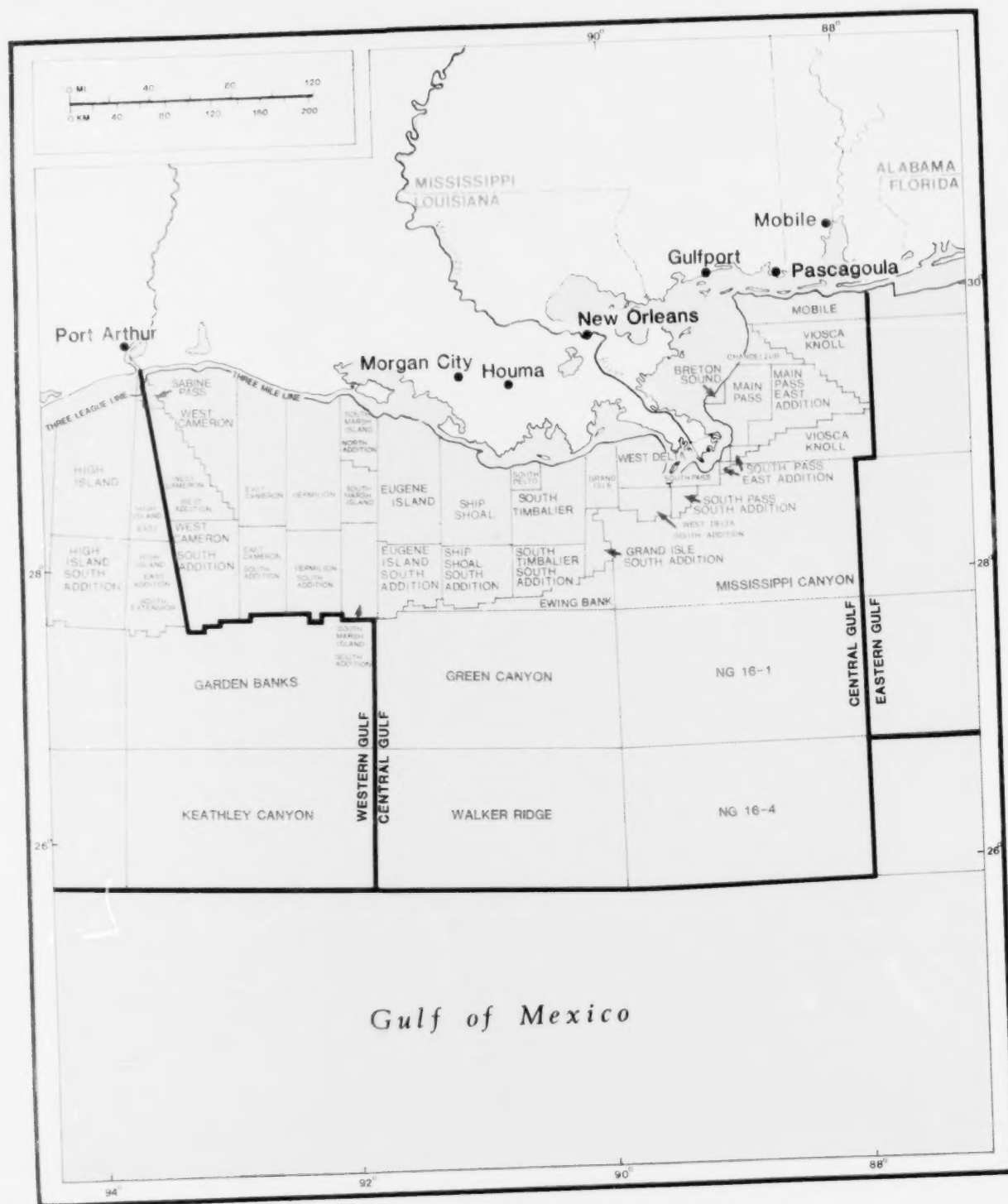
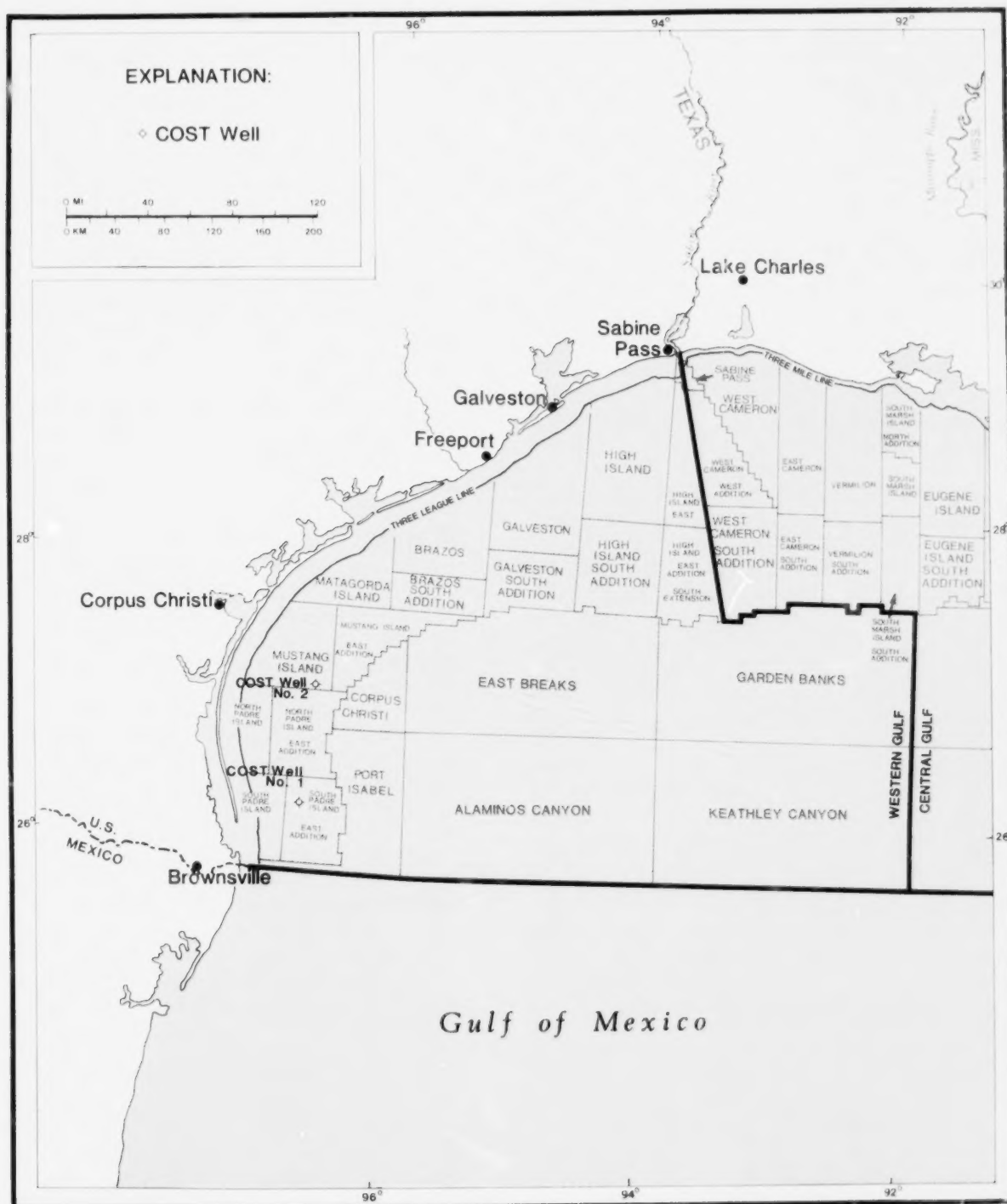


FIGURE 5.--The central Gulf of Mexico offshore planning area.



offshore Mississippi, Alabama, and Florida. The tracts were mostly nearshore, and water depths averaged approximately 370 feet (113 m). Thirteen tracts received 20 bids, and 2 bids were rejected because of insufficiency. Eleven tracts were leased, and the total bonus accepted was \$37,570,900.

CENTRAL GULF OF MEXICO LEASE OFFERING (MAY 1983)

The regional final environmental impact statement, which addressed the Central Gulf of Mexico Lease Offering (May 1983) and the proposed lease offerings in the Western Gulf of Mexico (August 1983) and in the Eastern Gulf of Mexico (November 1983), was published in January 1983. These offerings were formerly referred to as proposed Lease Sales 72, 74, and 79. The May 1983 Central Gulf of Mexico Lease Offering was held on May 25th, and was the first areawide offering held in the Gulf of Mexico Region under the streamlining approach. All unleased and unencumbered blocks in the Central Gulf of Mexico Planning Area were offered. The acreage totaled 37.9 million acres (15.3 million hectares) consisting of 7,050 blocks. Blocks offered ranged from 3 to 220 miles (4.8-355 km) offshore in water depths from 13 to over 10,500 feet (4 to over 3,200 m). High bids totaling \$3.4 billion were accepted by MMS for 623 blocks. All deepwater acreage in waters greater than 3,000 feet (900 m) carried a 10-year lease term.

OTHER LEASE OFFERINGS IN 1983

A lease offering in the Western Gulf of Mexico was held on August 24, 1983. Results of the lease offering will be included in the next edition of this Index. Information on the notice of lease offering can be found in chapter 3, pp. 25-26. The acreage offered

totaled approximately 32.6 million acres (13.2 million hectares) and consisted of 5,848 blocks. These blocks ranged from 10 to 242 miles (16.1-355 km) offshore in water depths from 11 to over 9,850 feet (3-3,000 m).

The lease offering in the Eastern Gulf of Mexico Planning Area was held January 5, 1984, and information on the proposed notice of lease offering is given in chapter 3, p. 25-26. A total of 10,364 blocks encompassing 58.6 million acres (23.7 million hectares) were proposed for the offering. The blocks, located offshore Alabama and Florida, range from 3 to 270 miles (5-435 km) offshore in water depths from less than 20 to over 10,000 feet (6-3,000 km).

1984 PROPOSED LEASE OFFERINGS

Two lease offerings have been scheduled for 1984 on the current 5-year OCS oil-and-gas leasing schedule. Initial lease offering activities are being handled concurrently for the two offerings. The call for information was issued on September 28, 1982, and a summary of responses received is provided in chapter 3, p. 26. The draft EIS was published in July 1983.

1985 - 1987 LEASE OFFERINGS

Three lease offerings are proposed for 1985 for the Gulf of Mexico Region on the current schedule: the Central Gulf of Mexico (May 1985), the Western Gulf of Mexico (August 1985), and the Eastern Gulf of Mexico (November 1985). Two lease offerings are scheduled in 1986: the Central Gulf of Mexico (April 1986) and the Western Gulf of Mexico (July 1986). One offering is scheduled in April 1987 for the Central Gulf of Mexico.

3. Leasing Processes

STREAMLINING OF EXISTING OFFSHORE PROCEDURES

The July 1982 final 5-year Outer Continental Shelf (OCS) oil-and-gas leasing schedule is based on a streamlined leasing process. The streamlining of prelease procedures is designed to expedite exploration and development of offshore oil and gas resources. This is achieved by making more high-potential hydrocarbon-bearing acreage available earlier and more frequently than under past leasing schedules, without sacrificing the essential elements of environmental analysis or State consultation and comment opportunities, and while assuring fair return to the Government.

Prelease procedural changes basically fall into two categories: (1) changes necessitated by the decision to open entire planning areas for consideration for leasing and (2) changes that shorten the overall period of time required for the prelease activities by conducting some procedures concurrently, such as the issuance of the final environmental impact statement and the proposed notice of lease offering in the same month. The major steps under the streamlined prelease process are (1) the call for information, which corresponds to the call for nominations and comments in the previous process; (2) area identification, which corresponds to tract selection in the previous process; (3) the draft environmental impact statement; (4) the final environmental impact statement; (5) the proposed notice of lease offering; and (6) the final notice of lease offering. The amount of time required for completion of these prelease steps has been reduced. All opportunities for public participation available under the pre-

vious regulations are retained in the current process, and all phases of environmental impact analysis will continue to be conducted.

Postlease procedural changes include a significant alteration of the bid evaluation process, including extension of the decision period for bid acceptance from 60 to 90 days, and formalization of the process for reconsideration of requests from unsuccessful bidders.

DOCUMENTS AND DATA FOR LEASE OFFERINGS

This chapter lists documents and information relevant to the oil and gas lease offerings held or scheduled in the Gulf of Mexico Region for the period from September 1982 through July 1983.

Regulations in effect prior to the OCS Lands Act Amendments of 1978 required comparatively fewer documents of a less detailed nature than those called for by current regulations. The following changes in regulations are particularly important in accounting for differences in the documentation presented in this chapter from that presented in previous editions of the index.

- Exploration plans and development and production plans (30 CFR 250.34-1 and 250.34-2) have become increasingly detailed. Plans submitted prior to 1979 may not have contained all the information listed in this chapter, and they were not always accompanied by environmental reports. In addition, regulations

requiring that plans be submitted for all exploration or development and production activities were not made final until December 1979.

- Subsection 25(e) of the OCS Lands Act Amendments provides that the Secretary shall declare the approval of a development and production plan in any area or region (as defined by the Secretary) of the Outer Continental Shelf, other than the Gulf of Mexico, to be a major Federal action. Under the provisions of the National Environmental Policy Act of 1969, an environmental impact statement must be prepared for any major Federal action.
- Executive Order 12291, issued in February 1981, has resulted in certain revisions in the method of promulgating Federal regulations. This order directed Federal agencies to make regulations as simple and as clear as possible. Further, Executive Order 12291 directed that the net benefit to be accrued from Federal regulations be weighed against the net cost to minimize the regulatory burden on society.

It should be noted that only responses from Federal, State, and local government agencies are listed under Step 1 - Call for Information. Responses from special interest groups and individuals are available for review at MMS's Gulf of Mexico regional office.

Copies of available documents may be obtained for a fee by contacting MMS's Gulf of Mexico regional office. The address and telephone number are listed on the inside front cover of this index.

PRE-CALL ACTIVITIES

Proposed lease offerings have been identified in the current 5-year leasing pro-

gram for 8 planning areas off the contiguous United States and for 10 areas off Alaska. Approximately 12 months prior to the call for information, MMS prepares a resource report covering the entire planning area. It includes an estimate of recoverable oil and gas, the locations of areas of hydrocarbon potential, and a description of the environmental geology of the area, with a regional characterization of geologic hazards. The analysis and refinement of mineral resource data occur at several points during the offshore leasing process and, as data are updated, resource estimates may change.

Federal and State agencies and groups may also be asked by the MMS regional office to provide resource reports identifying significant issues and concerns regarding potential effects of offshore operations on the resources and uses of the natural environment in the planning area under consideration for leasing. Environmental analysis then begins and is based on information in the resource reports and information developed by the MMS's Environmental Studies Program and from the Offshore Resource Evaluation Program, as well as from other sources.

Approximately 8 months before the call for information, MMS prepares an exploration and development report that estimates the types of activity that might occur if development of oil and gas resources takes place in the planning area. Magnitude and timing of activities are also estimated. Modeling studies, such as socioeconomic, oilspill, and air-quality investigations, may be initiated at this point.

Information pertaining to resource reports submitted under the June 1980 schedule for Lease Sales 45, 65, 51, 58, 58A, 62, A62, A66, 66, 67, 69, 72, and 74 can be found in the first edition of the Gulf of Mexico Index (January 1978 - November 1980), USGS Open-File Report 81-313. No data on resource reports were included in the second edition of the Gulf of Mexico Index, nor in this edition.

PRELEASE PHASE**STEP 1. CALL FOR INFORMATION**

30 CFR 256.23-25 subpart D
(formerly 43 CFR 3313.1-2)

The call for information replaces the call for nominations and comments step used under the June 1980 schedule, and is issued for an entire planning area. An indication of areas identified by the Minerals Management Service (MMS) as having geologic potential for the occurrence of hydrocarbons is included in the call. The approved call for information is published in the **Federal Register**. The purpose of the call for information is to invite comments from potential bidders and concerned parties on areas which they believe to be favorable for hydrocarbon potential and in which they may have an interest. Additionally, commenters are asked to identify areas that should receive special review and analysis because of geologic hazards, multiple-use conflicts, or socio-economic, biological, or other environmental considerations. A call for information does not commit the Department of the Interior to a particular lease offering.

A listing of protraction diagrams for the call area is included in the call. These diagrams are the official lease maps used by MMS. Copies of the protraction diagrams may be obtained for a fee from MMS's Gulf of Mexico regional office (see inside front cover for address). All interested parties may respond to the call, including Federal and State agencies, local governments, industry, special interest groups, and the public. Comments are sent to the MMS regional offices, with a copy to the Chief, Offshore Resource Evaluation Division of MMS in Reston, Virginia. Respondents are allowed at least 30 days to submit comments.

Comments are available for public examination at the MMS regional offices. However, specific areas of interest identified by

industry are considered to be proprietary and cannot be released.

Information pertaining to the calls for nominations and comments for Lease Sales 65, 51, 58, 58A, 62, A62, A66, 66, 67, and 69 can be found in the first edition of the Gulf of Mexico Index (January 1978 - November 1980), USGS Open-File Report 81-313. Data on the call for nominations and comments for Lease Sales 72 and 74 were included in the second edition of the Gulf of Mexico Index (December 1980 - August 1982). Data on the call for information for the proposed Central Gulf of Mexico Lease Offering (April 1984) and the proposed Western Gulf of Mexico Lease Offering (July 1984) are presented below.

**CENTRAL GULF OF MEXICO LEASE
OFFERING (APRIL 1984) AND WESTERN
GULF OF MEXICO LEASE OFFERING
(JULY 1984)**

A scoping letter requesting information for the proposed lease offerings in the Central Gulf of Mexico scheduled for April 1984 and in the Western Gulf of Mexico scheduled for July 1984 was sent August 8, 1982, to Federal agencies, the Governors of the affected coastal States, State agencies, environmental and private interest groups, and members of the Regional Technical Working Group. Seventeen responses were received: 9 from Federal agencies, 6 from State agencies, 1 from a local government, and 1 from an environmental group.

The Department of the Treasury supported the proposed lease offering as a means to reduce dependence on foreign oil imports and thereby improve the balance of payments. As for past sales, the U.S. Air Force requested that leasing stipulations be made for affected military warning areas. The Nuclear Regulatory Commission requested that any affected nuclear powerplants be considered and potential effects documented in the NEPA

documents for the proposed lease offerings. The regional offices of the Fish and Wildlife Service stated that they would continue to assist MMS in identifying and resolving any potential conflicts concerning protection of fish and wildlife resources. The Office of Ocean Resources Coordination and Assessment provided documents of scientific investigations of the effects of the IXTOC I oilspill and stated that their comments on the regional DEIS for Lease Sales 72, 74, and 79 be considered for the proposed lease offerings.

The State of Florida requested that the NEPA documents for the proposed lease offerings include (1) an analysis of possible effects of a potential oilspill in the Central Gulf of Mexico resulting from the transport of oil, (2) a discussion of socioeconomic impacts in Alabama should a major discovery occur offshore of that State, and (3) a discussion of possible impacts on the beaches of northwest Florida should an oilspill occur in the central Gulf.

The State of Mississippi expressed support for the proposed lease offerings, but requested that discharges resulting from offshore oil and gas activities be controlled or monitored to ensure that such discharges will not enter territorial State waters and unacceptably impair the natural productivity and recreational value of the waters.

The State of Louisiana stressed that its major concerns regarding the economic impacts of accelerated leasing, additional pipelines, and effects on fisheries and sensitive areas had not been adequately addressed in the regional DEIS for Lease Sales 72, 74, and 79 and should be considered in the NEPA documents for the proposed lease offerings. The State also protested the inclusion of any blocks within 3 miles of Louisiana's seaward boundary unless they complied with section 8 (g)(i) of the OCS Lands Act, as amended in 1978. Until receiving indication of such compliance, Louisiana contended that such blocks should not be offered. The Southwest Florida Regional Planning Council requested that the loop current, vessel traffic, and oilspill risks,

as they might potentially affect Florida, be addressed in the NEPA documents for the proposed lease offerings.

Sixteen companies responded to the call for information to express an interest in leasing areas in the proposed lease offerings in the Central Gulf of Mexico scheduled for April 1984 and the Western Gulf of Mexico scheduled for July 1984. The call was published in the **Federal Register** on September 28, 1982. Responses also included suggestions for leasing specifications such as length of term and units of acreage for leases, bid types, and royalty rates.

Federal Register Notice

47 F.R. 42691-42696, September 28, 1982.

Information Sheet

Central and Western Gulf of Mexico Outer Continental Shelf Sales 81 and 84 Call for Information for Oil and Gas Leasing, no date. Available from MMS, Gulf of Mexico Region.

Comments from Government Agencies

Department of the Treasury, 1 p.	8/30/82
Louisiana, Office of the Governor, 1 p.	8/31/82
Minerals Management Service, Associate Director for Offshore Minerals Management, 1 p.	9/8/82
Nuclear Regulatory Commission, 1 p.	9/9/82
U.S. Air Force, 1 p.	10/26/82
Fish and Wildlife Service, Region 4, 1 p.	10/26/82
Florida, Office of the Governor, 2 p.	10/28/82
Louisiana Geological Survey, 1 p.	10/29/82

Mississippi, Office of the Governor, 4 p.	10/29/82
South Florida Regional Planning Council, 1 p. and attachment.	10/29/82
Environmental Protection Agency, 2 p. and attachment	11/1/82
National Oceanic and Atmospheric Administration, Office of Ocean Resources Coordination and Assessment, 1 p. and attachments.	11/3/82
Fish and Wildlife Service, Region 2, 1 p.	11/5/82
Louisiana, Division of Archeology, 1 p. and attachments	11/10/82
Alabama, Geological Survey, 1 p.	11/11/82
National Park Service, 1 p.	n.d.

Availability: MMS, Gulf of Mexico Region.
n.d. = no date

STEP 2. AREA IDENTIFICATION

30 CFR 256.26-28 subpart E
(formerly 43 CFR 3314.1-2)

Area identification replaces the tentative tract selection process step used under the June 1980 schedule. Area identification formally determines the part of the planning area on which the environmental impact statement (EIS) analysis will be focused and which will be considered for leasing. Although portions may later be deleted from the lease offering, no blocks may be added once the environmental-assessment process has been completed.

After the call for information process closes, the MMS regional office evaluates areas receiving specific interest and comments in response to the call, the past leasing history of the area, environmental resources, multiple-use conflicts, and hydrocarbon potential. The regional Fish and Wildlife Service office may make recommendations concerning biological resources. The members of the Regional Technical Working Group may also

make recommendations on the basis of their knowledge of the call area.

After considering the area of geologic potential, responses to the call, and other relevant information, MMS recommends to the Assistant Secretary of the Interior, Energy and Minerals, areas identified for environmental analysis and for consideration for leasing. MMS may include areas in the recommendation in which interest had not been expressed during the call for information.

Data on tentative tract selection and State notification for Lease Sales 45, 65, 51, 58, A62, 62, A66, 66, 67, and 69 can be found in the first edition of the Gulf of Mexico Index (January 1978 - November 1980), USGS Open-File Report 81-313. Information on area identification for formerly proposed Lease Sales 72, 74, and 79, now referred to as the lease offering in the Central Gulf of Mexico, May 1983; proposed lease offering in the Western Gulf of Mexico, August 1983; and proposed lease offering in the Eastern Gulf of Mexico, November 1983, was included in the second edition of the Gulf of Mexico Index (December 1980 - August 1982). No formal notice is issued for the area identification because it is an internal process; therefore, no data are included in this edition of the Index for the Area Identification Step in the leasing process.

STEP 3. DRAFT ENVIRONMENTAL IMPACT STATEMENT

40 CFR 1508

The preparation of an environmental impact statement is required by the National Environmental Policy Act of 1969 (42 U.S.C. 4321) for all major Federal actions significantly affecting the quality of the human environment. The Council on Environmental Quality regulations require that there be an early and open process for determining the scope of issues, alternatives, and environ-

mental effects to be addressed by the EIS. All interested parties are invited to participate in the process, which begins early in lease offering planning and is formally initiated with publication in the **Federal Register** of the notice of intent (NOI) to prepare the EIS. MMS then requests input from all concerned parties to establish the scope of the EIS. In addition, informal consultation among the MMS regional office, Federal, State, and local agencies, and special interest groups identifies other significant issues pertinent to the proposed lease offering.

An environmental impact statement is prepared according to NEPA requirements for the entire planning area in which an initial lease offering is being considered, except for any portion determined to be unavailable for oil and gas activities. A NEPA document is also prepared for subsequent offerings in the planning area, updating the initial EIS with any information that has since been made available. Issues raised during this process are discussed in the draft environmental impact statement (DEIS) prepared by the MMS regional office. The DEIS also describes the existing environment, the proposed action and its alternatives, resource estimates and probable environmental risks. Mitigating measures (such as lease stipulations), unavoidable adverse impacts, cumulative effects, and irreversible and irretrievable commitments of resources are analyzed, along with alternatives to the proposed action. After the DEIS is published, public hearings are held to receive the comments of interested parties. The locations and dates of public hearings and the availability of the DEIS are announced in a fact sheet and in the **Federal Register**. A 45-day minimum comment period is required following its notice in the **Federal Register**.

Information on the DEIS's prepared for Lease Sales 45, 65, 51, 58, 58A, A62 and 62, and A66 and 66 can be found in the first edition of the Gulf of Mexico Index (January 1978 - November 1980). Similar information for Lease Sales 67 and 69 is contained in the second edition of the Gulf of Mexico Index (December 1980 - August 1982). Relevant

data for the DEIS prepared for proposed lease offerings in the Central Gulf of Mexico scheduled for April 1984 and the Western Gulf of Mexico scheduled for July 1984 are itemized below.

CENTRAL GULF OF MEXICO LEASE OFFERINGS (APRIL 1984) AND WESTERN GULF OF MEXICO LEASE OFFERING (JULY 1984)

Draft EIS

Draft Environmental Impact Statement Proposed OCS Oil and Gas Lease Offerings, Central Gulf of Mexico (April, 1984) and Western Gulf of Mexico (July, 1984), July 1983, 1 vol. Available from MMS, Gulf of Mexico Region.

Federal Register Notice

48 F.R. 31303-31304, July 7, 1983.

News Release and Information Sheet

Minerals Management Service to Hold a Public Hearing on the Draft Environmental Impact Statement for Central Gulf of Mexico Lease Offering (April 1984) and Western Gulf of Mexico Lease Offering (July 1984), July 7, 1983. Available from MMS, Gulf of Mexico Region.

Proposed Central Gulf of Mexico Lease Offering (April 1984) and Western Gulf of Mexico Lease Offering (July 1984), availability of the Draft Environmental Impact Statement and General Information Regarding the Public Hearing, July 7, 1983. Available from MMS, Gulf of Mexico Region.

STEP 4. FINAL ENVIRONMENTAL IMPACT STATEMENT

40 CFR 1500 - 1508

After oral and written comments received in response to the publication of the

draft EIS are evaluated, a final EIS is prepared that incorporates new findings, substantive comments, and responses thereto, and any additional information acquired during the review period. The EIS is submitted to the Environmental Protection Agency and numerous other Federal agencies and made available to the public. Following publication of the final EIS, the proposed notice of offering is issued.

The first edition of the Gulf of Mexico Index (January 1978 - November 1980), contains information and data on the final EIS's for Lease Sales 45, 65, 51, 58, 58A, A62, and 62. Similar information for EIS's for Lease Sale A66, 66, 67, and 69 is found in the second edition of the Gulf of Mexico Index (December 1980 - August 1982). Information on final EIS's published since November 1981 is listed below.

CENTRAL GULF OF MEXICO LEASE OFFERING (MAY 1983), WESTERN GULF OF MEXICO LEASE OFFERING (AUGUST 1983), EASTERN GULF OF MEXICO LEASE OFFERING (NOVEMBER 1983)

Final EIS

Final Regional Environmental Impact Statement, Gulf of Mexico, January 1983, 2 vols. Available from MMS, Gulf of Mexico Region.

Federal Register Notice

48 F.R. 745, January 6, 1983.

News Release

None issued.

STEP 5. PROPOSED NOTICE OF LEASE OFFERING

30 CFR 256.29-31
(formerly 43 CFR 3315.1-2)

The proposed notice of lease offering is a document that informs the public of the proposed terms and conditions of an upcoming offshore lease offering. Prior to the proposed notice, MMS prepares a Secretarial Issue Document (SID) to assist the Assistant Secretary for Energy and Minerals in the decision on whether and how to proceed with a lease offering. The SID presents and analyzes the issues and options for the proposed lease offering. Bidding systems, mitigating measures, block deferrals, and lease offering delay or cancellation are discussed. The SID is an internal document, not available until a decision by the Assistant Secretary has been made. After the decision, the SID is sent to the Governors of affected States and is then available to others for review. The SID and final EIS provide the Assistant Secretary with information necessary to make decisions on conditions and terms of the proposed lease offering.

Simultaneously with the preparation of the SID, the Director of MMS prepares a proposed notice of lease offering that includes (1) either a listing of blocks being considered for lease or a listing of blocks not available for lease and (2) information on the lease offering procedures and methods of bidding. The proposed notice of lease offering also includes proposed lease stipulations and conditions to mitigate the potential adverse effects of the proposed action. These lease stipulations are prepared in consultation with the Fish and Wildlife Service, the National Park Service, and other Federal agencies, as appropriate, at the regional and headquarters levels.

The proposed notice is sent to the Governors of affected coastal States and published in the **Federal Register**. The Governor of any affected State or any affected local government, through the Governor, is asked

for recommendations on the size, timing, or location of the proposed lease offering. The Secretary of the Interior will make a written reply to each Governor discussing the reasons for the determination to accept or reject the Governor's recommendations. A 60-day comment period follows the request to the Governors on the proposed notice.

On August 12, 1982, the United States Court of Appeals for the Ninth Circuit made a ruling, upholding a 1981 lower court decision in the case **State of California, et al. v. James G. Watt, et al.**, that the Department of the Interior (DOI) must prepare a consistency determination pursuant to the Coastal Zone Management Act of 1972, as amended, for Lease Sale 53 because it "directly affected" California's coastal zone. Although this ruling only clarified the procedures for Lease Sale 53, the Department of the Interior decided to make consistency determinations on future offshore lease offerings until the question of whether such determinations are required for all lease offerings is clarified by the Supreme Court, where the issue is now being reviewed, under appeal by the Department of the Interior. As a result of this DOI decision, a consistency determination is sent with the proposed notice of lease offering to each affected State with an approved coastal zone management (CZM) program. Alabama, Florida, Louisiana, and Mississippi have federally approved CZM programs. The comment period for the consistency determination is 30 days with a possible 15-day extension and is concurrent with the comment period of the proposed notice of lease offering. Final action by DOI may not be taken until 90 days after State receipt of the consistency determination.

Information on secretarial issue documents and proposed notices of sale for Lease Sales 45, 65, 51, 58, 58A, A62, and 62, can be found in the first edition of the Gulf of Mexico Index, (January 1978 - November 1980). Data on the secretarial issue documents and the proposed notices of sale for Lease Sales A66, 66, 67, and 69 are included in the second edition of the Gulf of Mexico Index,

(December 1980 - August 1982). Similar data on the lease offering in the Central Gulf of Mexico held on May 1983 and proposed lease offerings in the Western Gulf of Mexico held in August 1983, and the Eastern Gulf of Mexico scheduled for November 1983 are listed below.

LEASE OFFERING, CENTRAL GULF OF MEXICO (MAY 1983)

Secretarial Issue Document

Secretarial Issue Document Gulf of Mexico OCS Sale No. 72, 18 p. and appendixes, December 1982. Available for review at MMS's Gulf of Mexico Regional Office.

Federal Register Notice

48 F.R. 999-1009, January 7, 1983.

News Release

None issued.

LEASE OFFERING, WESTERN GULF OF MEXICO (AUGUST 1983)

Secretarial Issue Document

Secretarial Issue Document OCS Oil and Gas Offering in the Western Gulf of Mexico, 18 p. and appendixes, March 1983. Available for review at MMS's Gulf of Mexico Regional Office.

Federal Register Notice

48 F.R. 15093-15104, April 6, 1983.

News Release

None issued.

LEASE OFFERING, EASTERN GULF OF MEXICO (NOVEMBER 1983)**Secretarial Issue Document**

Final Secretarial Issue Document Eastern Gulf of Mexico OCS Lease Offering (November 1983), 28 p. and appendixes, May 1983. Available for review at MMS's Gulf of Mexico Regional Office.

Federal Register Notice

48 F.R. 28961-28968, June 23, 1983.

News Release

None issued.

STEP 6. NOTICE OF LEASE OFFERING

30 CFR 256.32
(formerly 43 CFR 3315.4)

Upon approval by the Secretary of the Interior, the Director of the Minerals Management Service publishes the final notice of

lease offering in the **Federal Register** at least 30 days prior to the date on which bids will be opened. The final notice of lease offering contains a listing of the blocks to be offered for lease, the methods of bidding, lease stipulations, and all terms and conditions of the offering. The place and time at which sealed bids will be filed and opened are specified. The notice of lease offering is accompanied by a notice identifying the selection of the bidding systems and the designated areas under each bidding system.

The first edition of the Gulf of Mexico Index (January 1978 - November 1980), contains data on notices of sale for Lease Sales 45, 65, 51, 58, 58A, A62, and 62. Information on notices of sale for Lease Sales A66, 66, 67, and 69 are presented in the second edition of the Gulf of Mexico Index (December 1980 - August 1982). Similar data for Lease Sale 69, part II, and the lease offering in the Central Gulf of Mexico held in May 1983, and the lease offering in the Western Gulf of Mexico held in August 1983 are listed below.

LEASE SALE 69, PART I (1982)**Federal Register Notice**

47 F. R. 46459-46481, October 18, 1982.

News Release

None issued.

LEASE SALE 69, Part II (1983)**Federal Register Notice**

48 F.R. 5314-5324, February 4, 1983.

News Release

None issued.

LEASE OFFERING, CENTRAL GULF OF MEXICO (MAY 1983)

Federal Register Notice

48 F.R. 15782-15797, April 12, 1983.

Fact Sheets and News Release

Statement by Secretary James G. Watt on the Central Gulf of Mexico Lease Offering (May 1983), April 8, 1983. Available from MMS, Washington, D.C.

Central Gulf of Mexico Lease Offering (May 1983), April 19, 1983. Available from MMS, Gulf of Mexico Region.

Interior Announces Central Gulf of Mexico Planning Area Oil and Gas Lease Offering, May 20, 1983. Available from MMS, Gulf of Mexico Region.

POSTLEASE PHASE

STEP 7. LEASE OFFERING

30 CFR 256.35-50
(formerly 43 CFR 3315.4)

Under the Outer Continental Shelf Lands Act, as amended in 1978, the Secretary of the Interior is instructed to conduct competitive bidding procedures for offshore oil and gas leases. Separate sealed bids are submitted for each block bid upon. The purpose of this lease offering step is to record and publicly announce the bids received; no bids are

rejected or accepted at the offering. After the bid opening, the MMS regional office conducts a review of the bids to determine which is the highest valid bid for each block. Technical and economic information gathered prior to the lease offering by the Minerals Management Service for the purpose of evaluating the potential mineral resource value of the blocks is considered during this review. The evaluation and acceptance or rejection of the bids on a case-by-case basis must, by regulation, occur within 90 days after the lease offering is held. Pertinent information is sent to the Department of Justice's Antitrust Division for review. The Justice Department's recommendations are considered by the MMS Regional Manager in the final decision on which bids will be accepted or rejected.

Leases are awarded to the highest responsible qualified bidder for an initial term of 5 years or are awarded for up to 10 years, where it is determined that the longer period is necessary to encourage exploration and development because of excessive water depth or other unusually adverse conditions. The exact term of the lease is specified in the notice of lease offering. The lease may be extended beyond the initial term if quantities of oil or gas are being produced from the lease or if drilling or well reworking operations are ongoing or have been approved by the MMS regional office.

A bid recap report is prepared by the MMS regional office once bid decisions are completed. Copies of the report are available for a fee from the regional office.

Information on Lease Sales 45, 65, 51, 58, 58A, A62, and 62 is included in the first edition of the Gulf of Mexico Index (January 1978 - November 1980). Data on Lease Sales A66, 66, and 67 are listed in the second edition of the Gulf of Mexico Index (December 1980 - August 1982). Similar information on Lease Sale 69, parts I and II, and the lease offering in the Central Gulf of Mexico, held in May 1983 follows.

LEASE SALE 69, PART I (1982)**News Release**

None issued.

LEASE SALE 69, Part II (1983)**News Release**

None issued.

LEASE OFFERING, CENTRAL GULF OF MEXICO (MAY 1983)**Fact Sheet and News Release**

Central Gulf of Mexico Lease Offering (May 25, 1983), July 7, 1983. Available from MMS, Gulf of Mexico Region.

Central Gulf of Mexico Lease Offering (May 25, 1983), July 8, 1983. Available from MMS, Gulf of Mexico Region.

STEP 8. EXPLORATION PLAN AND ENVIRONMENTAL REPORT

15 CFR 930

30 CFR 250.34-1, 250.34-3, 250.57

After the leases are issued for an initial term of a minimum of 5 to a maximum of 10 years, MMS is responsible for regulating and monitoring operations on Federal leases and collecting all revenues due to the Government. Before exploratory drilling can begin on a

leased block, an exploration plan and an environmental report must be prepared by the lessee or operator and submitted for review and approval, prior to the end of the second lease year for a 5-year term and within a time period specified at the time of leasing for a 10-year term, to the MMS regional office (30 CFR 250.34; 44 F.R. 3513-4527, January 17, 1979).

The Fish and Wildlife Service, the National Marine Fisheries Service, and the Governors of affected States are also given the opportunity to review and make recommendations to MMS on all exploration plans. Each exploration plan includes (1) the proposed type and sequence of exploration activities; (2) a description of drilling vessels and platforms and other structures to be attached to the seabed, including safety and pollution prevention and control features; (3) the types of geophysical equipment to be used; (4) the approximate location of each proposed exploratory well; (5) an oilspill contingency plan that sets forth the procedures, personnel, and equipment that are to be used for preventing, reporting, and cleaning up spills of oil or waste material; (6) other relevant geological and geophysical information; (7) an air-quality analysis; and (8) such other data as the Director of MMS may require.

When an exploration plan is submitted containing proposed platform data, the platform approval or the platform verification process is initiated by the Minerals Management Service. This process is explained in more detail under Step 11, p. 52.

The environmental report includes (1) title page, (2) description of proposed action, (3) description of the affected environment, (4) environmental consequences, (5) alternatives to proposed action, (6) unavoidable adverse environmental effects of the proposed action, and (7) references. An assessment of the direct effects on the on-shore and offshore environments or implementing the exploration plan is also made. The environmental report is a document separ-

ate from the exploration plan; however, it accompanies the plan throughout the review process. The environmental report may be used by States in planning for onshore impacts.

If the affected State(s) has a federally approved CZM program(s), the exploration plan and environmental report must be accompanied by a certificate of coastal zone consistency whenever the activities described would significantly affect land and water uses in the coastal zone. The plan, report, and certification must be submitted to the appropriate State coastal zone management agency for consistency review.

Data on other exploration plans and environmental reports for Section 6 leases, Lease Sales 1, 2, 3, 7, 9, 12, 15, 16, 19B, 22, 23, 24, 26, 32, 33, 34, S1, 36, 37, 38, 38A, 41, 44, 45, 47, 51, 58, 58A, and 65 can be found in the first edition of the Gulf of Mexico Index (January 1978 - November 1980). Information

on other exploration plans and environmental reports for Section 6 leases, Lease Sales 1, 3, 7, 9, 10, 14, 15, 16, 18, 19A, 19B, 21, 22, 25, 26, 33, 34, S1, 36, 37, 38, 38A, 41, 44, 47, 45, 65, 51, 58, 58A, A62, 62, A66, 66, and 67 is included in the second edition of the Gulf of Mexico Index (December 1980 - August 1982). The plans approved between September 1982 and July 1983 are listed below and are arranged numerically by lease number. It should be noted, however, that a single exploration plan and environmental report may cover an offshore company's operations on several of its leases.

Information is provided in the tables below for offshore oil and gas leases sold by the States prior to the passage of the Outer Continental Shelf Lands Act in 1953 that were later validated as Federal leases under section 6 of the Act. These are listed under the heading "Section 6 Leases."

SECTION 6 LEASES (Prior to August 7, 1953)

Exploration Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
South Timbalier	55	028	Exxon	10/12/82	U-0261
Grand Isle	16	031	Exxon	12/21/82	U-0278
Eugene Island	89	044	Odeco	9/20/82	S-0957
Eugene Island	95	046	Odeco	9/16/82	S-0955
Grand Isle	49	0135	Conoco	5/23/83	U-0296
West Delta	58	0146	Conoco	3/18/83	S-1094
South Timbalier	22	0165	Tenneco	1/17/83	U-0281
Vermilion	38, 39, 42	0204, 0205, 0206, 0208	Union	4/1/83	S-1106
Vermilion	71	0248	Superior	9/17/82	S-0956
Vermilion	76	0249	Samedan	12/10/82	S-1014
South Marsh Island	225, 227, 228	0310	Texaco	6/10/83	S-1150
South Marsh Island	229, 236	0310	Texaco	4/25/83	S-1115
South Marsh Island	236	0310	Texaco	9/9/82	S-0948
South Marsh Island	241	0310	Transco	1/6/83	S-1027
Eugene Island	47	0317	Odeco	7/18/83	S-1168

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: S - supplement to the original plan or report; and U - unit plans.

LEASE SALE 2 (1954)

Exploration Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
South Timbalier	54	0422	Exxon	10/4/82	U-0258
Ship Shoal	170, 181	0423, 3584 ^c	Tenneco	1/7/83	S-1030

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: S - supplement to the original plan or report; and U - unit plans.

^cIndicates lease from another sale.

LEASE SALE 3 (1955)

Exploration Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
Vermilion	57 (S/2)	0554	Texaco	6/28/82	S-9893
Eugene	208	0576	Samedan	3/25/83	S-1101

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: S - supplement to the original plan or report.

LEASE SALE 7 (1960)

Exploration Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
West Cameron	173	0759	Tenneco	2/2/83	S-1046
West Cameron	201	0764	McMoran	10/22/83	S-0983

Exploration Plans and Environmental Reports (continued)

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
	205	0807	Conoco	3/9/83	U-0288
Eugene Island	218	0807	Conoco	3/3/83	U-0234
Eugene Island	214	0828	Kerr-McGee	12/10/82	S-1015
Ship Shoal	214	0828	Kerr-McGee	1/4/83	S-1025
Ship Shoal	214	0828	Kerr-McGee	3/28/83	S-1102
Ship Shoal	214	0828	Kerr-McGee	5/3/83	S-1124
Ship Shoal	214	0828	Kerr-McGee	10/8/82	S-0972
Ship Shoal	219	0829	Amoco		

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: S - supplement to the original plan or report; and U - unit plans.

LEASE SALE 9 (1962)

Exploration Plan and Environmental Report

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
Ship Shoal	218	1022	Kerr-McGee	10/5/82	S-0971

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: S - supplement to the original plan or report.

LEASE SALE 10 (1962)

Exploration Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
South Marsh Island	16	1184	Shell	4/6/83	S-1109
South Marsh Island	58	1194	Nordrill Falcon and Shell	5/31/83	S-1138

Exploration Plans and Environmental Reports (continued)

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
South Marsh Island	142	1216	Texas Gas	6/1/83	R-0845
South Marsh Island	236, 237	1310	Texaco	1/17/83	S-1037

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: R - revised plan; S - supplement to the original plan or report.

LEASE SALE 14 (1966)

Exploration Plan and Environmental Report

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
West Delta	79	1449	Marathon	9/16/82	S-0954

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: S - supplement to the original plan or report.

LEASE SALE 16 (1967)

Exploration Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
South Pass	61	1609	Gulf	9/20/82	S-0959
South Pass	93	1619	Exxon	9/27/82	S-0963
Main Pass	144	1634	Chevron	11/18/82	S-986

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: S - supplement to the original plan or report.

LEASE SALE 19A (1969)

Exploration Plan and Environmental Report

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
Eugene Island	247(S/2)	1888	Sarnedan	12/3/82	S-1006

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: S - supplement to the original plan or report.

LEASE SALE 22 (1970)

Exploration Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
East Cameron	257	2041	Transco	7/1/83	S-1162
Vermilion	64	2068	Union	1/19/83	S-1038

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: S - supplement to the original plan or report.

LEASE SALE 25 (1972)

Exploration Plan and Environmental Report

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
Eugene Island	342	2319	Texaco	4/25/83	S-1114

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: S - supplement to the original plan or report.

LEASE SALE 26 (1973)

Exploration Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
High Island	475	2367	Kerr-McGee	11/1/82	S-0989
High Island	A-475	2367	Kerr-McGee	12/28/82	S-1023
High Island	A-571	2391	CNG	12/9/82	S-1012

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: S - supplement to the original plan or report.

LEASE SALE 33 (1974)

Exploration Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
West Cameron	538	2552	Zapata	2/14/83	S-1057
Vermilion	380	2580	Texaco	1/13/83	S-1036
South Marsh Island	243, 244	2595, 2596	Superior	3/21/83	S-1097

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: S - supplement to the original plan or report.

LEASE SALE 34 (1974)

Exploration Plan and Environmental Report

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
High Island	A-545	2704	Texaco	10/19/82	S-0984

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: S - supplement to the original plan or report.

LEASE SALE 36 (1974)

Exploration Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
Vermilion	251	2873	Tenneco	5/6/83	S-1127
South Marsh Island	113	2880	Continental	1/13/83	S-1033
Eugene Island	242	2898, 2899	Conoco	5/11/83	S-1131
South Pass	59	2942, 2943	ARCO	10/20/82	N-1104

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: N - plans submitted for the first time; S - supplement to the original plan or report.

LEASE SALE 38 (1975)

Exploration Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
Ship Shoal	238	3169	Kerr-McGee	11/18/82	S-0999
Ship Shoal	238	3169	Kerr-McGee	3/10/83	S-1091
West Delta	61	3186	Mesa	3/7/83	S-1085

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: S - supplement to the original plan or report.

LEASE SALE 38A (1975)

Exploration Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
Galveston	192	3229	Exxon	2/17/83	N-1158
High Island	139	3235	Superior	3/4/83	S-1083
East High Island	318	3248	Union	7/13/83	S-1164
West Cameron	406	3281	McMoRan	6/13/83	S-1149

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: N - plans submitted for the first time; S - supplement to the original plan or report.

LEASE SALE 41 (1976)

Exploration Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
East Cameron	220	3323	Texas Gas	3/17/83	S-1090
East Cameron	220	3323	Texas Gas	6/20/83	S-1154
Eugene Island	245	3333	Marathon	7/18/83	S-1163

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: S - supplement to the original plan or report.

LEASE SALE 44 (1976)

Exploration Plan and Environmental Report

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
Vermilion	102	3393	Odeco	4/26/83	S-1117

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: S - supplement to the original plan or report.

LEASE SALE 47 (1977)

Exploration Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
High Island	A-462	3478	Mark Producing	11/1/82	S-0988
High Island	A 557	3484	Transco	6/20/83	S-1155
West Cameron	509	3523	Tenneco	10/12/82	S-0974
Vermilion	24	3543	Gulf	9/14/82	S-0953
Vermilion	24	3543	Gulf	2/11/83	S-1056
Vermilion	24	3543	Gulf	4/29/83	S-1122
Vermilion	51	3545	C and K	2/24/83	S-1070

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: S - supplement to the original plan or report.

LEASE SALE 45 (1978)

Exploration Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
High Island	A-468	3754	CNG	12/22/82	S-1020
High Island	A-522	3756	Transco	3/9/83	S-1088
High Island	A-551	3757	Transco	2/17/83	S-1062
West Cameron	359	3762	Transco	5/6/83	S-1126
South Marsh Island	133	3777	Conoco	11/26/82	S-1003
Ship Shoal	136	3790	Odeco	5/4/83	N-1204
South Pelto	15	3792	CNG	10/13/82	S-0975
South Pelto	15	3792	CNG	11/12/82	S-0995
South Pelto	15	3792	CNG	11/16/82	S-0997
West Cameron	318	3802	CNG	12/15/82	S-1017
West Cameron	318	3802	CNG	1/7/83	S-1028

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: N - plans submitted for the first time; S - supplement to the original plan or report.

LEASE SALE 51 (1978)

Exploration Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
Brazos	A-24	3939	Shell	7/15/83	N-1232
Sabine Pass	3, 6, 7	3956, 4144 ^c , 4145 ^c	Superior	4/15/83	S-1075(rev.)
West Cameron	542	3970	Chevron	10/18/82	S-0979
Vermilion	57	3977	Diamond Shamrock	11/16/82	S-0998
Vermilion	375	3986	CNG	10/1/82	S-0969
Eugene Island	44	3990	Mobil	11/23/82	S-1002
Eugene Island	190	3994	McMoran	9/8/82	N-1080
Grand Isle	33	4002	Shell	10/20/82	S-0982

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: N - plans submitted for the first time; S - supplement to the original plan or report.^cIndicates lease from another sale.

LEASE SALE 58 (1979)

Exploration Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
West Cameron	561	4094	Chevron	4/27/83	S-1119
East Cameron	24	4098	Mobil	12/20/82	S-1019
East Cameron	239	4100	Sonat	2/14/83	S-1085
Vermilion	69	4103	Shell	3/2/83	N-1172
Matagorda	657	4139	Exxon	6/13/83	N-1212
Sabine Pass	3, 6, 7	4144, 4145, 3956 ^c	Superior	3/1/83	S-1075
Sabine Pass	3, 6, 7	4144, 4145, 3956 ^c	Superior	4/14/83	S-1075 (rev.)

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: N - plans submitted for the first time; S - supplement to the original plan or report.

^cIndicates lease from another sale.

LEASE SALE 58A (1979)

Exploration Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
Vermilion	100	4210	Sarnedan	1/7/83	S-1029
Vermilion	311	4214	Marathon	3/21/82	N-0916
Ship Shoal	189	4232	Shell	2/4/83	S-1051
Main Pass	145	4252	Chevron	11/18/82	S-1001
Ewing Bank	305	4254	Conoco	9/24/82	S-0961
South Timbalier	183	4266	Mobil	1/14/83	S-1032

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: N - plans submitted for the first time; S - supplement to the original plan or report.

LEASE SALE A62 (1980)

Exploration Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
West Cameron	53	4379	Superior	4/15/83	N-1196
West Cameron	58, 59, 79	4381, 4382, 4385	Union Texas	9/1/82	N-1070
West Cameron	64	4383	Texaco	6/6/83	S-1144
West Cameron	68	4384	Kerr-McGee	9/2/82	N-1072
West Cameron	157	4394	Superior	12/2/82	S-1005
West Cameron	300	4399	Amoco	10/18/82	N-1098
East Cameron	65	4416	Texasgulf	12/6/82	S-1011
East Cameron	66(S/2)	4417	Samedan	1/17/82	N-1148
East Cameron	66	4417	Samedan	5/10/83	S-1133
Vermilion	280	4425	Odeco	1/13/83	N-1149
Vermilion	336	4429	Mesa	2/28/83	N-1176
Eugene Island	146	4447	Texasgulf	10/22/82	N-1105
Eugene Island	146	4447	Elk Aquitaine	5/2/83	S-1123
Eugene Island	396	4454	Texasgulf	9/29/82	N-1073
West Delta	27	4473	Seagull Energy	4/26/83	S-1113
West Delta	27, 28	4473, 4893 ^c	Tenneco	7/1/83	S-1158
West Delta	143	4475	Marathon	10/13/82	N-1094
Mississippi Canyon	148	4501, 2636 ^c , 2637 ^c , 2640 ^c	ARCO	7/1/83	U-0302
Green Canyon	136	4508	Tenneco	9/20/82	S-0958
Green Canyon	136	4508	Tenneco	6/5/83	S-1146
Green Canyon	184	4518	Conoco	10/13/82	S-0976
Green Canyon	184	4518	Conoco	11/12/82	S-0976

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: N - plans submitted for the first time; S - supplement to the original plan or report; and U - unit plans.)^cIndicates lease from another sale.

LEASE SALE 62 (1980)

Exploration Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
South Padre Island	A-70, A-71, 1117	4530, 4637 ^c , 4688 ^c	Total Petroleum	11/15/82	N-1117
Mustang Island	800	4535	Mesa	4/5/83	N-1195

Exploration Plans and Environmental Reports (continued)

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
Mustang Island	A-129	4539	Exxon	9/23/82	N-1085
Brazos	A-40	4560	Gulf	3/7/83	S-1086
Galveston	303	4565	Tenneco	10/20/82	N-1100
High Island	A-417	4577	Union	11/19/82	N-1125
High Island	A-440	4581	Kerr-McGee	4/8/83	S-1110
High Island	A-282	4591	Union	11/8/82	N-1113
High Island	744	4594	ARCO	2/7/83	N-1154
Corpus Christi	A-357	4601	Chevron	1/17/83	N-1140

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: N - plans submitted for the first time; S - supplement to the original plan or report.

^cIndicates lease from another sale.

LEASE SALE A66 (1981)

Exploration Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
South Padre Island	A-70, A-71, 1117	4687, 4688, 4530 ^c	Total Petroleum	11/15/82	N-1117
North Padre Island	958	4689	Gulf	11/18/82	N-1122
Mustang Island	760	4694	Gulf	11/1/82	N-1110
Mustang Island	A-118	4698	Odeco	10/4/82	N-1090
Matagorda Island	672	4702	Union	7/28/83	N-1244
Matagorda Island	704	4706	ARCO	11/1/82	N-1108
Matagorda Island	705	4707	Exxon	10/1/82	N-1083
Matagorda Island	711	4709	Tenneco	11/17/82	N-1120
Matagorda Island	716	4710	Anadarko	12/1/82	N-1127
Brazos	A-10	4715	Shell	2/23/83	N-1161
Galveston	A-127	4727	Conoco	11/1/82	N-1109
High Island	169	4732	ARCO	10/25/82	N-1106
High Island	A-24	4735	ARCO	9/22/82	N-1074
High Island	119	4739	Mesa	1/19/83	N-1131
High Island	94	4749	Shell	8/5/83	S-1175
West Cameron	94	4749	Shell	12/23/82	N-1138
West Cameron	128	4752	Tenneco	7/5/83	N-1228
West Cameron	131	4753	Kerr-McGee	9/8/83	N-1078
West Cameron	132	4754	Kerr-McGee	6/9/82	S-0878
West Cameron	132	4754	Kerr-McGee	10/4/82	S-0970

Exploration Plans and Environmental Reports (continued)

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
West Cameron	132	4754	Kerr-McGee	11/3/82	S-0991
West Cameron	153	4756	Odeco	12/14/82	N-1133
West Cameron	153	4756	Odeco	6/13/83	S-1151
West Cameron	192	4757	Diamond Shamrock	9/1/82	S-0946
West Cameron	233	4759	ARCO	12/8/82	N-1129
West Cameron	277	4761	Amoco	2/11/83	N-1156
Vermilion	118	4789	Placid	7/13/83	N-1237
Vermilion	152, 153	4791, 4792	Texasgulf	2/4/83	S-1048
Vermilion	170	4795	Nortex	1/10/83	N-1145
Vermilion	271	4800	Mobil	9/14/82	S-0952
South Marsh Island	162, 172	4810, 4811	Chevron	9/27/82	S-0962
South Marsh Island	246	4814	Sarnedan	6/21/83	N-1216
Green Canyon	140	4838	Conoco	2/23/83	N-1162

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: N - plans submitted for the first time; S - supplement to the original plan or report.^cIndicates lease from another sale.

LEASE SALE 66 (1981)

Exploration Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
Eugene Island	42	4858	Chevron	1/13/83	S-1034
Eugene Island	106	4860	Amoco	5/9/83	N-1205
Eugene Island	151	4861	Tenneco	11/4/82	S-0992
Eugene Island	152	4862	Marathon	11/3/82	N-1112
Ship Shoal	278	4875	Diamond Shamrock	4/15/83	N-1199
Ship Shoal	302	4876	Union Texas	2/22/83	N-1167
South Timbalier	70, 71	4883, 4884	Aminoil	9/28/82	S-0965
South Timbalier	70, 71	4883, 4884	Aminoil	11/3/82	S-0990
South Timbalier	293, South Addition	4889	Exxon	5/2/83	N-1203
South Timbalier	298	4891	Chevron	11/12/82	N-1116
West Delta	27, 28	4893, 4473 ^c	Tenneco	7/1/83	S-1158
Viosca Knoll	816, 817	4927, 4928	Sohio	10/13/82	S-0978
Viosca Knoll	816, 817	4927, 4928	Sohio	12/17/82	S-1018
Viosca Knoll	816, 817	4927, 4928	Sohio	6/21/83	S-1156
Ewing Bank and Mississippi Canyon	349, 350, 309	4929, 4930, 4938	Exxon	9/29/82	N-1088

Exploration Plans and Environmental Reports (continued)

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
Ewing Bank	482	4932	Marathon	10/12/82	N-1093
Mississippi Canyon	20	4935	Sohio	9/1/82	S-0945
Green Canyon	18	4940	Mobil	11/1/82	S-0987
Green Canyon	148	4942	Marathon	1/20/83	N-1152

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: N - plans submitted for the first time; S - supplement to the original plan or report.

^cIndicates lease from another sale.

LEASE SALES 67 (1982)

Exploration Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
North Padre Island	924	4984	ARCO	9/30/82	S-0968
Mustang Island	A-58	4988	Phillips	12/14/82	N-1132
Mustang Island	A-58	4988	Phillips	2/14/83	S-1059
Mustang Island	A-151, A-152	4990, 4991	Transco	9/1/82	N-1071
Mustang Island	A-153, A-162	4992, 4993	Exxon	9/27/82	N-1082
Matagorda Island	588	4997	Shell	7/28/83	N-1251
Matagorda Island	603	4999	Union	2/8/83	N-1155
Matagorda Island	622	5000	Amoco	2/22/83	S-1052
Matagorda Island	636	5001	Shell	9/7/82	N-1077
Matagorda Island	412-L	5003	Kerr-McGee	2/18/83	N-1164
Brazos	22-L	5006	Kerr-McGee	2/18/83	N-1163
High Island	83	5007	Superior	10/21/82	N-1103
High Island	83	5007	Superior	2/4/83	S-1049
High Island	379	5016	Superior	12/6/82	N-1128
West Cameron	530	5019	Mobil	9/2/82	N-1075
West Cameron	29, 30	5020, 5021	Chevron	10/14/82	N-1095
East Cameron	339	5024	Champlin		
East Cameron, South Addition	56, 57	5028, 3977 ^c	Sun	7/5/83	N-1227
Vermilion	253	5031	Diamond Shamrock	11/16/82	N-1118
Vermilion	253	5031	Tenneco	1/7/83	N-1141
Vermilion	37	5041	Tenneco	1/28/83	S-1043
Ship Shoal	240	5043	Getty	10/27/83	N-1107
Ship Shoal	321	5045	Placid	5/10/83	N-1206
Ship Shoal	25	5047	Chevron	11/17/82	N-1119
South Pelto	50	5050	Shell	11/10/82	N-1114
West Delta			Louisiana Land and Exploration	2/28/83	N-1175

Exploration Plans and Environmental Reports (continued)

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
South Pass	75	5051	Conoco	11/19/82	N-1123
South Pass	83	5052	Shell and others	11/12/82	N-1115
Mobile	822, 823	5056, 5057	Mobil	9/9/82	N-1079
Mobile	861, 862, 906	5062, 5063, 5070	Chevron	9/24/82	N-1086
Viosca Knoll	987	5077	Phillips	9/20/82	N-1084
Green Canyon	98	5092	Conoco	6/20/83	N-1219
High Island	A-374	5108	Mobil	1/17/83	N-1099

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: N - plans submitted for the first time; S - supplement to the original plan or report.^cIndicates lease from another sale.

LEASE SALE 69, PART 1 (1982)

Exploration Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
South Padre Island	1049	5159	Texaco	3/4/83	N-1170
North Padre Island	1021-L	5164	Odeco	4/5/83	N-1194
North Padre Island	1022	5165	Genesis	7/25/83	N-1241
Mustang Island	A-2	5166	Gulf	3/31/83	N-1193
Matagorda Island	666	5170	Champlin	3/14/83	N-1182
Matagorda Island	682	5171	Shell	6/9/83	N-1217
Brazos	A-16	5174	Tenneco	3/31/83	N-1192
Brazos	A-73	5175	Marathon	3/7/83	N-1166
Galveston	151	5177	Corpus Christi Oil and Gas	2/14/83	N-1168
Galveston	181	5178	Corpus Christi Oil and Gas	2/14/83	N-1169
Galveston	A-3	5179	Sohio	1/17/83	N-1142
High Island	45	5180	Superior	5/12/83	N-1207
West Cameron	202	5182	Texaco	4/13/83	N-1190
West Cameron	248	5184	Exxon	1/19/83	N-1139
West Cameron	250	5185	ARCO	2/28/83	N-1174
West Cameron	252	5186	Pennzoil	12/20/82	N-1137
West Cameron, South Addition	570	5188	Mark Producing	2/2/83	N-1150
East Cameron	35	5189	Odeco	3/16/83	N-1183
Vermilion	114	5191	Kerr-McGee	3/17/83	N-1184
Vermilion	226	5195	Shell	1/18/83	N-1151
Vermilion	332	5196	Exxon	1/13/83	N-1146

Exploration Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
Eugene Island	84	5198	Exxon	3/11/83	N-1180
Eugene Island	298	5199	Texaco	4/13/83	N-1189
Ship Shoal	134	5201	Odeco	1/11/83	N-1147
Ship Shoal	164	5202	Texaco	6/7/83	N-1214
South Timbalier	251, 264	5207, 5209	Champlin	1/14/83	N-1144
South Timbalier, South Addition	263	5208	Mark Producing	2/14/83	N-1165
South Timbalier	266	5210	Shell	1/12/83	N-1143
Mississippi Canyon	663	5212	Conoco	3/17/83	N-1185
Vermilion	17	5218	Union	2/11/83	N-1160
Vermilion	17	5218	Union	6/1/83	S-1140

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: N - plans submitted for the first time; S - supplement to the original plan or report.

LEASE SALE 69, Part II (1983)

Exploration Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
Main Pass	86	5240	Getty	4/22/83	N-1201
Main Pass	95, 96	5242, 5243	Getty	5/16/83	N-1210
Main Pass	160	5245	Tenneco	3/30/83	N-1191
Main Pass	308	5247	Texaco	5/31/83	N-1211
Viosca Knoll	813, 814	5248	Conoco	6/30/83	N-1225
Viosca Knoll	815				

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: N - plans submitted for the first time.

LEASE OFFERING (MAY 1983)

Exploration Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
West Cameron	232	5296	ARCO	6/23/83	N-1223
West Cameron	336	5309	Placid	7/8/83	N-1234
West Cameron	566	5348	Mark Producing	6/16/83	N-1221
East Cameron	129	5366, 5334 ^c	Tenneco	6/23/83	N-1224
Vermilion	157	5418	McMoRan	7/15/83	N-1233
Vermilion	359	5446	Placid	7/20/83	N-1248
Eugene Island	248	5506	Samedan	7/21/83	N-1238
Eugene Island	253	5507	Exxon	6/16/83	N-1222
Eugene Island	324	5516	Gulf	7/28/83	N-1243
Ship Shoal	120(W/2)	5545	Odeco	7/19/83	N-1236
Ship Shoal	346	5577	Chevron	7/11/83	N-1239
Ship Shoal	366	5588	Placid	7/20/83	N-1247
Ship Shoal	367	5589	Mobil	7/19/83	N-1235
Main Pass	154	5701	Shell	7/18/83	N-1242
Main Pass	297	5730	Tenneco	7/25/83	N-1245
Viosca Knoll	861	5782	Sohio	7/25/83	N-1246
Mississippi Canyon	22	5821	Exxon	7/25/83	N-1250
Green Canyon	65, 109	5889, 5900	Shell	7/20/83	N-1240

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: N - plans submitted for the first time.^cIndicates lease from another sale.

STEP 9. ENVIRONMENTAL ASSESSMENT FOR EXPLORATION

30 CFR 250.34-4

40 CFR 1500.4

Prior to the approval of an exploration plan, the Director of MMS, through the appropriate regional office, reviews the environmental effects of activities proposed in the plan. Exploration for oil and gas in the Gulf of Mexico has been determined to be an activity that typically does not create impacts that are individually or cumulatively significant. A categorical exclusion review (CER) is prepared

for each exploration plan to assure that possibly significant impacts are not overlooked. This allows the exploration plan to be excluded from further NEPA review. Where potential for a significant impact or some controversy exists, an environmental assessment (EA) is prepared for the exploration plan. Both the review and assessment focus attention on (1) seismic risk, (2) areas of high ecological sensitivity, (3) hazardous natural bottom conditions, and (4) the use of new and unusual technology. This MMS environmental assessment is documented and advertised in the **Federal Register**.

If, in the opinion of the Director, either the CER or the environmental assessment indicates that approval of the plan would constitute a major Federal action significantly affecting the quality of the human environment, an environmental impact statement must be prepared. At this time, consideration is given to significant adverse impacts upon the marine, coastal, or human environments resulting from the construction of new onshore facilities. Cumulative and previously unforeseen impacts are also considered. On the basis of the environmental assessment, the environmental impact statement findings, and the

technical review by MMS, the exploration plan will be approved, rejected, or modified.

A listing of EA's for Lease Sales 41, 47, 45, 65, 51, 58, and 58A can be found in the previous edition of the Gulf of Mexico Index (January 1978 - November 1980). Information on other EA's for Lease Sales 41 and 45 is included in the second edition of the Gulf of Mexico Index (December 1980 - August 1982). Environmental assessments completed between September 1982 and July 1983 are presented below.

LEASE SALE 66 (1981)

Environmental Assessment for Exploration

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
Ship Shoal, South Addition	302	4876	Union	2/22/83	N-1167

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: N - plans submitted for the first time.

LEASE SALE 67 (1982)

Environmental Assessment for Exploration

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
High Island	22-L	5996	Kerr-McGee	2/18/83	N-1163

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: N - plans submitted for the first time.

STEP 10. EXPLORATION DRILLING

30 CFR 250.36

An application for permit to drill (APD) is filed with the district MMS office by the lessee or operator, either along with or subsequent to submission of the exploration plan and supporting information, including a site-specific geohazards survey report. The APD includes specific information on the location and depth of wells. MMS reviews a detailed hazard analysis that is based on information submitted by the lessee or operator prior to approval. An APD will not be approved until an exploration plan has been approved and all affected States with approved coastal zone management programs have concurred. Once approved by the regional managers of MMS, an APD constitutes a drilling permit. An additional APD must be filed and approved each time a well is deepened, reworked, redrilled, or plugged back. A sundry notice must be filed when any miscellaneous operation is conducted that is not specifically of a drilling

nature, such as fracture treatment, shooting, or acidizing.

Other Federal permits required prior to exploratory drilling include permits for aids to navigation from the U.S. Coast Guard, permits for placement of structures in offshore Federal waters from the U.S. Army Corps of Engineers, and National Pollutant Discharge Elimination System (NPDES) permits from the Environmental Protection Agency.

Many applications for permits to drill are processed in the Gulf of Mexico Region. Between September 1982 and July 1983, 939 APD's were approved. Applications approved in July 1983 are presented below.

Information is provided below for offshore oil and gas leases that were sold by the States prior to the passage of the Outer Continental Shelf Lands Act and that were later validated as Federal leases under section 6 of the Act. These are listed under the heading "Section 6 Leases."

SECTION 6 LEASES (Prior to August 7, 1953)**Exploration Drilling Permit**

Area	Block no.	Lease no.	Operator	Well no.	Approval date
Vermilion	39	0206	Union	7	7/12/83

Availability: MMS, Gulf of Mexico Region.

LEASE SALE 3 (1955)**Exploration Drilling Permit**

Area	Block no.	Lease no.	Operator	Well no.	Approval date
Eugene Island	208 (E/2)	0576	Samedan	10	7/13/83

Availability: MMS, Gulf of Mexico Region.

LEASE SALE 22 (1970)**Exploration Drilling Permit**

Area	Block no.	Lease no.	Operator	Well no.	Approval date
Vermilion	64	2068	Union	5	7/25/83
Availability: MMS, Gulf of Mexico Region.					

LEASE SALE 38A (1975)**Exploration Drilling Permit**

Area	Block no.	Lease no.	Operator	Well no.	Approval date
West Cameron	64	2068	Union	5	7/25/83
Availability: MMS, Gulf of Mexico Region.					

LEASE SALE 41 (1976)**Exploration Drilling Permit**

Area	Block no.	Lease no.	Operator	Well no.	Approval date
Eugene Island, South Addition	345	3333	Marathon	10	7/29/83
Availability: MMS, Gulf of Mexico Region.					

LEASE SALE 47 (1977)**Exploration Drilling Permit**

Area	Block no.	Lease no.	Operator	Well no.	Approval date
High Island	A-557	3484	Transco	6	7/27/83

Availability: MMS, Gulf of Mexico Region.

LEASE SALE 58 (1979)**Exploration Drilling Permits**

Area	Block no.	Lease no.	Operator	Well no.	Approval date
West Cameron	170	4085	Shell	A-5	7/13/83
West Cameron	463	4093	Texas Eastern	3	7/28/83
Matagorda Island	657	4139	Exxon	1	7/14/83

Availability: MMS, Gulf of Mexico Region.

LEASE SALE 58A (1979)**Exploration Drilling Permits**

Area	Block no.	Lease no.	Operator	Well no.	Approval date
Ship Shoal	157	4230	Placid	2	7/21/83
Ewing Bank	305	4254	Conoco	7	7/8/83
Breton Sound	4	4489	Cities Service	2	7/12/83

Availability: MMS, Gulf of Mexico Region.

LEASE SALE A62 (1980)

Exploration Drilling Permits

Area	Block no.	Lease no.	Operator	Well no.	Approval date
Matagorda Island	568	4541	Marathon	2	7/1/83
Brazos	A-40	4560	Gulf	A-2	7/6/83

Availability: MMS, Gulf of Mexico Region.

LEASE SALE 66 (1981)

Exploration Drilling Permits

Area	Block no.	Lease no.	Operator	Well no.	Approval date
Eugene Island	41	4857	Gulf	1	7/12/83
Ship Shoal	78	4868	Aminoil	2	7/6/83
Main Pass	64	4909	Howell	11	7/5/83
Viosca Knoll	817	4928	Sohio	5	7/19/83

Availability: MMS, Gulf of Mexico Region.

LEASE SALE 67 (1982)

Exploration Drilling Permit

Area	Block no.	Lease no.	Operator	Well no.	Approval date
West Delta	50	5050	Louisiana Land and Exploration	1	7/12/83

Availability: MMS, Gulf of Mexico Region.

LEASE SALE 69, PART I (1982)**Exploration Drilling Permits**

Area	Block no.	Lease no.	Operator	Well no.	Approval date
East Cameron	35	5189	Odeco	1	7/7/83
Ship Shoal	164	5202	Texaco	1	7/12/83

Availability: MMS, Gulf of Mexico Region.

LEASE SALE 69, Part II (1983)**Exploration Drilling Permit**

Area	Block no.	Lease no.	Operator	Well no.	Approval date
Main Pass	308	5247	Texaco	1	7/18/83

Availability: MMS, Gulf of Mexico Region.

LEASE OFFERING (MAY 1983)**Exploration Drilling Permit**

Area	Block no.	Lease no.	Operator	Well no.	Approval date
West Cameron	232	5296	Atlantic Richfield	1	7/28/83

Availability: MMS, Gulf of Mexico Region.

STEP 11. DEVELOPMENT AND PRODUCTION PLAN AND ENVIRONMENTAL REPORT

30 CFR 250.34-2

Before development and production activities can begin, a development and production plan and an accompanying environmental report must be prepared by the lessee or operator and submitted for approval to the MMS regional office. The Fish and Wildlife Service, the National Marine Fisheries Service, and the Governors of affected States are given the opportunity to review and make recommendations to MMS on all development and production plans.

The development and production plan includes (1) the specific work to be performed; (2) a description of drilling vessels, platforms, pipelines, or other facilities and operations located offshore, including safety and pollution prevention and control features and labor, material, and energy requirements; (3) the well locations; (4) current interpretations of all available relevant geological and geophysical data, which may include proprietary data; (5) a description of environmental safeguards and safety standards; (6) a time schedule of development and production activities; (7) an oilspill contingency plan that sets forth the procedures, personnel, and equipment that are to be used for preventing, reporting, and cleaning up spills of oil and waste material; and (8) such other data as the Director may require. Submittal of the development and/or production plan initiates either the platform approval or the platform verification process, as appropriate, according to OCS Order No. 8.

The purpose of this mandatory program is to ensure that offshore oil and gas platforms and other structures are designed to withstand the environmental and operational conditions to which they may be exposed. Under either the Platform Approval Program or the Platform Verification Program, MMS Regional Supervisors are provided the technical advice necessary to evaluate the structural adequacy of fixed or bottom-founded platforms or other offshore structures and major modifications to such structures. Platforms in deep water, in

frontier areas, of unique design, or subject to extreme environmental loadings are reviewed in greater detail as part of the Platform Verification Program. The new platform or other offshore structures subject to the Platform Verification Program are approved by the Regional Supervisor after a satisfactory inhouse review and receipt of a favorable verification report prepared by a certified verification agent, who has reviewed the platform design, inspected the fabrication, and observed the installation.

The environmental report includes (1) title page, (2) description of proposed action, (3) description of affected environment, (4) environmental consequences, (5) alternatives to proposed action, (6) unavoidable adverse environmental effects of the proposed action, and (7) references. An assessment of the direct effects of implementation of the plan on the onshore and offshore environments, as well as a discussion of alternatives, is also included. The environmental report is a document separate from the development and production plan; however, it accompanies the plan throughout the review process. The environmental report may be used by States in planning for onshore impacts.

The development and production plan and environmental report must be accompanied by a lessee's certification of consistency with the federally approved coastal zone management programs for the affected States. Further processing by the Regional Supervisor will establish contact with the State to obtain the State's concurrence for the lessee - submitted consistency statement.

Data on other development and production plans for Section 6 Leases and Lease Sales 1, 2, 3, 7, 9, 10, 12, 16, 19, 19A, 19B, 22, 23, 24, 25, 26, 33, 34, 51, 36, 37, 38, 38A, 41, 44, 47, 45, 51, 58, and 58A are listed in the first edition of the Gulf of Mexico Index (January 1978 - November 1980). Other development and production plans information for Section 6 Leases, Lease Sale 1, 2, 3, 6, 7, 9, 10, 12, 14, 15, 16, 19A, 19B, 21, 22, 23, 24, 25, 26, 33, 34, 51, 36, 37, 38, 38A, 41, 44, 47, 45, 51, 58A, A62, 62, A66, and 66 is included in the second edition of the Gulf of Mexico Index (December 1980 - August 1982).

Information is provided below for off-shore oil and gas leases sold by the States prior to the passage of the Outer Continental Shelf Lands Act in 1953 that were later

validated as Federal leases under section 6 of the Act. These are listed under the heading "Section 6 Leases."

SECTION 6 LEASES (Prior to August 7, 1953)

Development and Production Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
West Delta	31	016	Conoco	12/13/82	S-1016
West Delta	31	016	Exxon	12/23/82	S-1021
West Delta	31	016	Exxon	5/4/83	S-1125
South Timbalier	54	019	Exxon	1/17/83	U-0280
West Delta	30	026	Exxon	12/9/82	S-1013
Grand Isle	22	031	Exxon	11/12/82	U-0273
Eugene Island	88	043	Odeco	1/17/83	S-1064
Eugene Island	88	043	Odeco	2/23/83	S-1060
Ship Shoal	72	057	Mobil	12/3/82	U-0274
Ship Shoal	113	063	Odeco	3/18/83	U-0289
Ship Shoal	113	063	Odeco	3/31/83	U-0292
Ship Shoal	113	063, 064, 067	Odeco	11/30/82	U-0275
Ship Shoal	114	064	Odeco	8/2/83	U-0304
Grand Isle	47	0133	Conoco	9/30/82	U-0264
Grand Isle	47, 48	0133, 0134	Conoco	9/24/82	U-0257
West Delta	45	0138	Conoco	6/30/83	S-1160
West Delta	58	0146	Conoco	3/4/83	S-1082
West Delta	58	0146	Conoco	7/26/83	S-1171
South Timbalier	22	0165	Chevron	2/18/83	U-0285
South Timbalier	22	0165	Chevron	3/2/83	U-0287
Grand Isle and West Delta	43, 69, 70	0175, 0181, 0182	Conoco	3/30/83	U-0291
Eugene Island	93	0228	Odeco	4/29/83	S-1121
West Cameron	72	0245	Superior	3/2/83	S-1078
West Cameron	101	0246	Superior	2/22/83	S-1066
West Cameron	101, 102	0246, 0247	Superior	1/14/83	S-1035
West Cameron	102	0247	Superior	4/25/83	S-1116
Vernilion	76	0249	Samedan	9/23/82	S-0960
West Cameron	149	0253	Superior	2/25/83	S-1073
West Cameron	150	0254	Superior	2/17/83	S-1063
Vernilion	14	0297	Union	3/8/83	S-1076
West Cameron	45	0299, 0301	General American	2/17/83	S-1061
South Marsh Island	217	0310	Texaco	1/7/83	S-1031
South Marsh Island	212, 218	0310	Texaco	6/3/83	S-1142
South Marsh Island	229, 236	0310, 4437 ^c	Texaco	9/3/82	N-1976
South Marsh Island	212, 221	0310	Texaco	10/19/82	S-0981
South Pass	27	0353	Shell	10/6/82	U-0260
Main Pass	40	0374	Chevron	1/14/83	U-0279
Main Pass	40	0375, 1312 ^c , 1372 ^c	Chevron	2/3/83	U-0282
West Delta	29	0385	Chevron	6/16/83	S-2112

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: N - plans submitted for the first time, S - supplement to the original plan or report; and U - unit plans.

^cIndicates lease from another sale.

LEASE SALE 1 (1954)

Development and Production Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
East Cameron and	82			2/28/83	S-1079
West Cameron	192	0406, 0407	Shell	12/20/82	U-0277
South Timbalier	54	0421	Exxon	10/27/82	U-0268
South Timbalier	54	0422	Exxon	5/9/83	S-1129
Eugene Island	175, 176	0445	Shell	11/8/82	S-0994
Ship Shoal	130	0453	Aminoil		

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: S - supplement to the original plan or report; and U - unit plans.

LEASE SALE 3 (1955)

Development and Production Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
Vernilion	14	0548	Union	1/21/83	S-1041
Eugene Island	208	0577	Conoco	2/7/83	S-1050
Eugene Island	215	0578	Amoco	3/18/83	S-1093
Ship Shoal	177	0590	Amoco	9/9/82	S-0949

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: S - supplement to the original plan or report.

LEASE SALE 6 (1959)

Development and Production Plan and Environmental Report

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
South Pass	27	0694	Shell	10/22/82	U-0267

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: U - unit plans.

LEASE SALE 7 (1960)

Development and Production Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
West Cameron	118	0757	Phillips	7/12/83	S-1159
South Marsh Island	33	0780	Amoco	9/30/82	S-0967
South Marsh Island	33	0780	Amoco	3/11/83	S-1089
South Marsh Island	95	0790	Texoma	3/10/83	U-0290
Eugene Island	105	0797	Superior	1/25/83	S-1040
Eugene Island	105	0797	Superior	3/16/83	S-1092
Eugene Island	105	0797	Superior	5/11/83	S-1134
Eugene Island	205	0802	Texaco	10/10/82	U-0266
Ship Shoal	169	0820	Gulf	5/25/83	S-1132
Ship Shoal	183	0821	Tenneco	3/25/83	S-1100
Ship Shoal	208	0827, 1228 ^c , 1230 ^c	Union	2/7/83	S-1053
Ship Shoal	214	0828	Kerr-McGee	6/24/83	S-1157
Ship Shoal	229	0832	Kerr-McGee	3/4/83	S-1081
Ship Shoal	242	0832	Kerr-McGee	7/13/83	S-1165

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: S - supplement to the original plan or report; and U - unit plans.

^cIndicates lease from another sale.

LEASE SALE 9 (1962)

Development and Production Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
East Cameron	261, 264	0971, 1880 ^c	Amoco	4/1/83	S-1105
Eugene Island	237	0981	Gulf	3/18/83	S-1095
Eugene Island	273	0987	Amoco	11/5/82	S-0993
Eugene Island	273	0987	Amoco	2/25/83	S-1072
Eugene Island	292	1042	Amoco	3/21/83	S-1099
Ship Shoal	73	1085, 1089	Amoco	6/3/83	S-1143
West Delta	89	1088	Amoco	5/13/83	S-1135

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: S - supplement to the original plan or report.

^cIndicates lease from another sale.

LEASE SALE 10 (1962)

Development and Production Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
Vermilion	52	1119	Gulf	2/18/83	S-1065
Vermilion	228	1140, 2078 ^c	Pennzoil	4/6/83	S-1108
South Marsh Island	73	1205	Exxon	2/7/83	U-0283
Ship Shoal	208	1228, 1230, 0827 ^c	Union	2/7/83	S-1053
South Timbalier	52	1241	Chevron	8/1/83	S-1173
South Timbalier	164, 171	1250, 1255	Exxon	11/18/82	U-0272
South Timbalier	172	1256	Gulf	3/29/82	S-0830
South Timbalier	40	1312, 1372 ^c , 0375 ^c	Chevron	2/3/83	U-0282
Main Pass	299	1315, 1316	Chevron	6/29/83	U-0301

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: S - supplement to the original plan or report; and U - unit plans.

^cIndicates lease from another sale.

LEASE SALE 12 (1964)

Development and Production Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
Main Pass	40	1372	Chevron	10/5/82	U-0263
Main Pass	40	1372, 0375 ^c , 1312	Chevron	2/3/83	U-282

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: U - unit plans.

^cIndicates lease from another sale.

LEASE SALE 14 (1966)

Development and Production Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
South Timbalier	27	1442	Tenneco	2/17/83	S-1055
West Delta	21	1447	Exxon	12/6/82	S-1607

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: S - supplement to the original plan or report.

LEASE SALE 15 (1966)

Development and Production Plan and Environmental Report

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
West Delta	96	1498	Conoco	6/16/83	S-1153

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: S - supplement to the original plan or report.

LEASE SALE 16 (1967)

Development and Production Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
Ship Shoal	207	1523	Placid	4/14/83	S-1111
Ship Shoal	233	1528	Kerr-McGee	3/21/83	S-1098
South Pass	59, 60	1608, 2137 ^c	ARCO	9/28/82	S-0966
South Pass	59, 60	1608, 2137 ^c	ARCO	5/25/83	S-1136
South Pass	61	1608	ARCO	10/29/82	S-0985
South Pass	93	1619	Exxon	3/18/83	S-1096
Main Pass	296	1673	Conoco	2/14/83	S-1054

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: S - supplement to the original plan or report.

^cIndicates lease from another sale.

LEASE SALE 19A (1969)

Development and Production Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
East Cameron	261, 264	1880, 0971 ^c	Amoco	4/1/83	S-1105
Eugene Island	247(S/2)	188	Samedan	6/6/83	S-1141

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: S - supplement to the original plan or report.

^cIndicates lease from another sale.

LEASE SALE 22 (1970)

Development and Production Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
West Cameron	587	2021	Pennzoil	2/16/83	S-1039
West Cameron	573, 587	2021, 3524 ^c	Pennzoil	6/3/83	R-0846
East Cameron	257	2041	Mobil	9/13/82	S-0951
East Cameron	272	2047	Tenneco	7/1/83	S-1161
East Cameron	321	2061	Marathon	7/28/83	S-1166
Vernilion	228	2078, 1140 ^c	Pennzoil	4/6/83	S-1108

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: R - revised plan; S - supplement to the original plan or report.

^cIndicates lease from another sale.

LEASE SALE 23 (1971)

Development and Production Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
South Pass	60	2137, 1608 ^c	ARCO	9/28/82	S-0966
South Pass	50, 60	2137, 1608 ^c	ARCO	5/25/83	S-1136

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: S - supplement to the original plan or report.

^cIndicates lease from another sale.

LEASE SALE 25 (1972)

Development and Production Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
Eugene Island	360, 361	2323, 2324	Chevron	4/26/83	S-1118
Eugene Island	352, 353, 360, 361	2323, 2324, 3410 ^c , 3783 ^c	Chevron	5/26/83	S-1137

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: S - supplement to the original plan or report.

^cIndicates lease from another sale.

LEASE SALE 26 (1973)

Development and Production Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
High Island	A-572, A-573	2392, 2393	Mobil	7/20/83	S-1169
High Island	A-325	2416	Pennzoil	1/3/83	S-1024

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: S - supplement to the original plan or report.

LEASE SALE 33 (1974)

Development and Production Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
West Cameron	266	2538	Gulf	9/13/83	S-0950
West Cameron	541, 542	2554, 3979 ^c	Chevron	2/22/83	N-1173
Eugene Island	332	2613	Exxon	3/2/83	U-0286
Mississippi Canyon	148	2636, 2637, 2640, 4501 ^c	ARCO	7/1/83	U-0302

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: N - plans submitted for the first time; S - supplement to the original plan or report; and U - unit plans.

^cIndicates lease from another sale.

LEASE SALE 34 (1974)

Development and Production Plan and Environmental Report

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
High Island	A-365, A-376	2750, 2754	Anadarko	2/1/83	S-1045

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: S - supplement to the original plan or report.

LEASE SALE S-1 (1974)

Development and Production Plan and Environmental Report

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
Garden Banks	192, 193, 236, 237	2812, 3301 ^c , 4130 ^c	Chevron	4/8/83	S-1107

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: S - supplement to the original plan or report.

^cIndicates lease from another sale.

LEASE SALE 36 (1974)

Development and Production Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
Vermilion	31	2868	Texaco	12/7/82	S-1009
South Marsh Island	141, 144	2885, 2886	Marathon	3/4/83	S-1077
South Marsh Island	144	2886	Marathon	3/1/83	S-1074
Main Pass	73	2947	Mobil	10/16/82	S-0977

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: S - supplement to the original plan or report.

LEASE SALE 37 (1975)**Development and Production Plans and Environmental Reports**

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
Mustang Island	831	3043	Seagull Energy	2/28/83	N-1177
Matagorda Island	700, 713	3108, 3466	McMoRan	3/31/83	S-1104

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: N - plans submitted for the first time; S - supplement to the original plan or report.**LEASE SALE 38 (1975)****Development and Production Plans and Environmental Reports**

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
Ship Shoal	135	3164	Odeco	11/18/82	S-1000
Main Pass	74	3196	Texoma	1/28/83	S-1044

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: S - supplement to the original plan or report.

LEASE SALE 38A (1975)

Development and Production Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
East High Island	139	3235	Superior	3/7/83	S-1084
West Cameron	67	3256	Sarnedan	2/18/83	S-1067
West Cameron	331	3275	Mobil	12/6/82	S-1008
Garden Banks	192, 193, 236, 237	3301, 2812 ^c , 4130 ^c	Chevron	4/8/83	S-1107

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: S - supplement to the original plan or report.

^cIndicates lease from another sale.

LEASE SALE 41 (1976)

Development and Production Plan and Environmental Report

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
East High Island	A-384	3316	Union	3/8/83	N-1068

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: N - plans submitted for the first time.

LEASE SALE 44 (1976)

Development and Production Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
West Cameron	459	3383	Conoco	3/29/83	S-1103
Vermilion	50	3392	Tenneco	12/1/82	S-1004
Vermilion	102	3393	Odeco	6/1/83	S-1139

Development and Production Plans and Environmental Reports (continued)

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
Vermilion	146	3394	McMoRan	10/8/82	N-1092
Eugene Island	352	3410	Chevron	4/18/83	S-1112
Eugene Island	352, 353, 360, 361	3410, 2323 ^c 2324 ^c , 3783 ^c	Chevron	5/26/83	S-1137

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: N - plans submitted for the first time; S - supplement to the original plan or report.^cIndicates lease from another sale.

LEASE SALE 47 (1977)

Development and Production Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
Matagorda Island	700, 713	3466, 3108 ^c	McMoRan	3/31/83	S-1104
Brazos	504	3469	ANR	9/7/83	S-0947
Brazos	A-19, A-20	3472, 3936 ^c	Shell	3/11/83	S-1080
West Cameron	573, 587	3524, 2021 ^c	Pennzoil	6/3/83	R-0846
East Cameron	129	3524, 5366 ^c	Tenneco	6/23/83	N-1224
East Cameron	131, 142	3535, 3536	ARCO	9/27/82	S-0964
Vermilion	24	3543	Gulf	6/14/83	S-1145, S-1145A
Eugene Island	300	3571	Amoco	1/27/83	S-1042
Ship Shoal	69	3577	Chevron	11/24/82	N-1126
Ship Shoal	170, 181	3584	Tenneco	5/6/83	S-1128
South Timbalier	87	3592	Odeco	10/20/82	N-1101

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: N - plans submitted for the first time; R - revised plan; S - supplement to the original plan or report.^cIndicates lease from another sale.

LEASE SALE 45 (1978)

Development and Production Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
West Cameron	510	3766	Columbia Gas	7/28/83	N-1231
Eugene Island	352, 353, 360, 361	3783, 2323 ^c , 2324 ^c , 3410	Chevron	5/26/83	S-1137
Eugene Island	372	3786	Union	3/18/83	N-1186
West Cameron	318	3802	CNG	3/2/83	N-1157

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: N - plans submitted for the first time; S - supplement to the original plan or report.

^cIndicates lease from another sale.

LEASE SALE 51 (1978)

Development and Production Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
Brazos	A-19, A-20	3936, 3472 ^c	Shell	3/11/83	S-1080
Brazos	A-23	3938	Shell	10/18/82	S-0980
West Cameron	478	3969	CNG	4/14/83	N-1197
West Cameron	541, 542	3970, 2554 ^c	Chevron	2/22/83	N-1173
Vermilion	75	3978	Tenneco	10/14/82	N-1087
Eugene Island	191	3995	McMoRan	3/28/83	N-1187
South Timbalier	53	4000	Union	1/4/83	S-1926

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: N - plans submitted for the first time; S - supplement to the original plan or report.

^cIndicates lease from another sale.

LEASE SALE 58 (1979)

Development and Production Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
West Cameron	363, 370	4092, 4819 ^c	Mobil	7/28/83	N-1229
Main Pass	310	4126	Shell	6/29/83	N-1220
Garden Banks	192, 193 236, 237	4130, 2812 ^c 3301 ^b	Chevron	4/8/83	S-1107

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: N - plans submitted for the first time; S - supplement to the original plan or report.^cIndicates lease from another sale.

LEASE SALE 58A (1979)

Development and Production Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
Eugene Island	46	4222	Transco	6/13/83	N-1209
Ship Shoal	170, 181	4231, 3589 ^c	Tenneco	1/7/83	S-1030
South Pelto	1	4234	Amoco	1/20/83	N-1153
South Marsh Island	243	4270	Superior	10/8/82	S-0973
South Marsh Island	243	4270	Superior	11/12/82	S-0996

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: N - plans submitted for the first time; S - supplement to the original plan or report.^cIndicates lease from another sale.

LEASE SALE A62 (1980)

Development and Production Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
West Cameron	547	4408	Texaco	2/28/83	N-1171
South Marsh Island	160	4433	Tenneco	6/30/83	N-1226
South Marsh Island	236	4437	Texaco	12/8/82	S-1010
South Marsh Island	229, 236	4437, 0310 ^c	Texaco	9/3/82	N-1076
Eugene Island	181, 182	4451, 4452	Exxon	4/14/83	N-1198
Eugene Island	240	4453	Mobil	12/21/82	N-1136
South Timbalier	200	4464	Texaco	1/4/83	N-1130
Main Pass	77	4481	Gulf	9/23/82	N-1081
Breton Sound	54, 55	4491, 4492	Transco	3/14/83	N-1181
Chandeleur	17	4493	Getty	10/15/82	N-1097

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: N - plans submitted for the first time; S - supplement to the original plan or report.

^cIndicates lease from another sale.

LEASE SALE 62 (1980)

Development and Production Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
Matagorda Island	701-L	4549	Union	10/15/82	N-1096
Matagorda Island	712 "A"	4550	Tenneco	11/17/82	N-1121
Brazos	A-39	4559	Mesa	11/2/82	N-1111

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: N - plans submitted for the first time.

LEASE SALE A66 (1981)

Development and Production Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
East Cameron	25, 32	4777, 4203 ^c	Sonat	10/20/82	N-1192
East Cameron	25				
West Cameron	363, 370	4819, 4092 ^c	Mobil	7/28/83	N-1229
Main Pass	265	4834	Exxon	9/30/82	N-1089
South Timbalier	34	4842	Kerr-McGee	3/1/83	N-1178

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: N - plans submitted for the first time.

^cIndicates lease from another sale.

LEASE SALE 66 (1981)

Development and Production Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
West Delta	67	4894	Conoco	3/9/83	N-1179
Main Pass	64	4909	J. Connor	3/2/83	N-1159
Main Pass	100	4910	Superior	1/10/83	N-1135

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: N - plans submitted for the first time.

LEASE SALE 67 (1982)

Development and Production Plan and Environmental Report

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
Matagorda Island	622	5000	Amoco	1/12/83	N-1134

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: N - plans submitted for the first time.

LEASE SALE 69, PART 1 (1982)

Development and Production Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
West Cameron	252	5186	Pennzoil	5/2/83	N-1202
South Marsh Island	176	5221	McMoRan	11/19/82	N-1124

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: N - plans submitted for the first time.

LEASE OFFERING (MAY 1983)

Development and Production Plans and Environmental Reports

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
East Cameron	128	5366	Tenneco	6/14/83	N-1218
Eugene Island	210	5501	McMoRan	7/13/83	N-1230

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: N - plans submitted for the first time.

STEP 12. ENVIRONMENTAL ANALYSIS FOR DEVELOPMENT AND PRODUCTION

30 CFR 250.34-4

Prior to the approval of a development and production plan, the Director of MMS through the appropriate regional office, reviews the environmental effects of activities proposed in the plan. Development and production of oil and gas in the Gulf of Mexico has been determined to be an activity that typically does not create impacts that are individually or cumulatively significant. A categorical exclusion review (CER) is prepared for each development and production plan to assure that possibly significant impacts are not overlooked. This allows the development and production plan to be excluded from further NEPA review. Where potential for a significant impact or some controversy exists, an environmental assessment (EA) is prepared for the development and production plan. Both the review and the environmental assessment focus attention on (1) seismic risks, (2) areas of high ecological sensitivity, (3) hazardous natural bottom conditions, and (4) the use of new and unusual technology. This MMS environmental assessment is documented and advertised in the Federal Register.

If, in the opinion of the Director, the environmental assessment indicates that approval of the plan would constitute a major Federal action significantly affecting the quality of the human environment, an environmental impact statement must be prepared. At this time, consideration is given to significant adverse impacts upon the marine, coastal, or human environments resulting from the construction of new onshore facilities. Cumulative and previously unforeseen impacts are also considered. On the basis of the environmental assessment or the environmental impact statement findings and the technical review by MMS, the development and production plan will be approved, rejected, or modified.

Environmental assessments for development and production plans for Section 6 Leases, Lease Sales 1, 3, 7, 9, 10, 12, 16, 19, 22, 25, 26, 33, 34, 36, 37, 38, 38A, 44, 47, 45, 51, 58, and 58A are listed in the first edition of the Gulf of Mexico Index (January 1978 - November 1980). Information on other environmental assessments for Lease Sales 26, 34, and 58A is included in the second edition of the Gulf of Mexico Index (December 1980 - August 1982). The environmental assessments for development and production plans presented below were completed between September 1982 and July 1983.

LEASE SALE 3 (1955)

Environmental Analysis for Development and Production

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
Eugene Island	208	0577	Conoco	2/7/83	S-1090

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: S - supplement to the original plan or report.

LEASE SALE 34 (1974)

Environmental Analysis for Development and Production

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
High Island, East Addition	A-365, A-376	2750, 2754	Anadarko	2/1/83	S-1043

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: S - supplement to the original plan or report.

LEASE SALE 41 (1976)

Environmental Analysis for Development and Production

Area	Block no.	Lease no.	Operator	Date ^a	File control no. ^b
High Island, East Addition	A-384	3316	Union	6/24/83	N-1068

Availability: MMS, Gulf of Mexico Region.

^aThe date records have been made available to the public.

^bFile control numbers are assigned to development and production plans and environmental reports when they are filed in the Public Records Office. The alphabetical code is as follows: N - plans submitted for the first time.

STEP 13. DEVELOPMENT AND PRODUCTION DRILLING

30 CFR 250.36

After approval of the development and production plan and installation of a platform or other drilling structure, the lessee or operator files an application for permit to drill (APD) with the supervisor of the appropriate district office in the region. The APD includes specific information on the location and

depth of wells. An APD approved by MMS constitutes a drilling permit. An additional APD must be filed and approved each time a well is deepened, reworked, redrilled, or plugged back. A sundry notice must be filed when any miscellaneous operation is conducted that is not specifically of a drilling nature, such as fracture treatment, perforating, or acidizing.

Other Federal permits required prior to platform installation and subsequent develop-

ment drilling include permits for aids to navigation from the U.S. Coast Guard, permits from the U.S. Army Corps of Engineers for placing a structure offshore as related to obstruction to navigation or national defense, and National Pollutant Discharge Elimination System permits from the Environmental Protection Agency.

Many applications for permits to drill are processed in the Gulf of Mexico Region.

Between September 1982 and July 1983, 939 APD's were approved. Applications approved in July 1983 are presented below.

Information is provided below for offshore oil and gas leases sold by the States prior to the passage of the Outer Continental Shelf Lands Act that were later validated as Federal leases under section 6 of the Act. These are listed under the heading "Section 6 Leases."

SECTION 6 LEASES (Prior to August 7, 1953)

Development and Production Drilling Permits

Area	Block no.	Lease no.	Operator	Well no.	Approval date
South Timbalier	54	019	Exxon	G-5	7/5/83
South Timbalier	54	019	Exxon	G-17	7/21/83
Ship Shoal	93	063	Odeco	38	6/30/83
South Pelto	19	073	Odeco	39	7/6/83
South Marsh Island	213	0310	Texaco	104	7/12/83
South Marsh Island	236	0310	Texaco	A-7	7/29/83
Eugene Island	47	0317	Odeco	10	7/27/83

Availability: MMS, Gulf of Mexico Region.

LEASE SALE 3 (1955)

Development and Production Drilling Permit

Area	Block no.	Lease no.	Operator	Well no.	Approval date
Eugene Island	215	0578	Ainoco	10	7/12/83

Availability: MMS, Gulf of Mexico Region.

LEASE SALE 7 (1960)

Development and Production Drilling Permits

Area	Block no.	Lease no.	Operator	Well no.	Approval date
Ship Shoal	208	0827	Union	J-12	7/13/83
Ship Shoal	242	0832	Kerr-McGee	C-11	7/20/83
Ship Shoal	262	0832	Kerr-McGee	C-12	7/21/83

Availability: MMS, Gulf of Mexico Region.

LEASE SALE 9 (1962)

Development and Production Drilling Permits

Area	Block no.	Lease no.	Operator	Well no.	Approval date
East Cameron	261	0971	Amoco	A-8	7/6/83
West Delta	75	1085	Amoco	A-15	7/15/83
West Delta	75	1085	Amoco	A-16	7/15/83

Availability: MMS, Gulf of Mexico Region.

LEASE SALE 10 (1962)

Development and Production Drilling Permit

Area	Block no.	Lease no.	Operator	Well no.	Approval date
South Marsh	41	1192	Chevron	12	7/1/83

Availability: MMS, Gulf of Mexico Region.

LEASE SALE 16 (1967)**Development and Production Drilling Permits**

Area	Block no.	Lease no.	Operator	Well no.	Approval date
South Pass	60	1608	ARCO	E-20	7/5/83
Main Pass	296	1673	Conoco	D-2	7/5/83
Main Pass	296	1673	Conoco	D-5	7/18/83

Availability: MMS, Gulf of Mexico Region.

LEASE SALE 22 (1970)**Development and Production Drilling Permits**

Area	Block no.	Lease no.	Operator	Well no.	Approval date
West Cameron	638	2026	Tenneco	B-3	7/7/83
West Cameron	638	2026	Tenneco	B-5	7/11/83

Availability: MMS, Gulf of Mexico Region.

LEASE SALE 24 (1972)**Development and Production Drilling Permit**

Area	Block no.	Lease no.	Operator	Well no.	Approval date
South Pass	49	2177	Gulf	A-6	7/27/83

Availability: MMS, Gulf of Mexico Region.

LEASE SALE 33 (1974)

Development and Production Drilling Permit

Area	Block no.	Lease no.	Operator	Well no.	Approval date
Mississippi Canyon	192	2636	ARCO	A-15	7/11/83

Availability: MMS, Gulf of Mexico Region.

LEASE SALE 34 (1974)

Development and Production Drilling Permits

Area	Block no.	Lease no.	Operator	Well no.	Approval date
East Breaks	159	2646	Union	A-9	7/6/83
East Breaks	161	2648	Union	A-29	7/6/83

Availability: MMS, Gulf of Mexico Region.

LEASE SALE 36 (1974)

Development and Production Drilling Permits

Area	Block no.	Lease no.	Operator	Well no.	Approval date
Vermilion	31	2868	Texaco	8	7/29/83
Ship Shoal	91	2919	Atlantic Richfield	B-4	7/13/83
West Delta	86	2934	Marathon	A-7	7/18/83
Main Pass	148	2950	Texoma	A-7	7/18/83

Availability: MMS, Gulf of Mexico Region.

LEASE SALE 37 (1975)**Development and Production Drilling Permit**

Area	Block no.	Lease no.	Operator	Well no.	Approval date
Matagorda Island	556	3080	McMoRan	C-7	7/7/83
Availability: MMS, Gulf of Mexico Region.					

LEASE SALE 38 (1975)**Development and Production Drilling Permits**

Area	Block no.	Lease no.	Operator	Well no.	Approval date
Ship Shoal	135	3164	Odeco	11	7/5/83
Ship Shoal	135	3164	Odeco	12	7/5/83
Availability: MMS, Gulf of Mexico Region.					

LEASE SALE 38A (1975)**Development and Production Drilling Permit**

Area	Block no.	Lease no.	Operator	Well no.	Approval date
High Island	A-466	3242	Atlantic Richfield	B-7	7/15/83
Availability: MMS, Gulf of Mexico Region.					

LEASE SALE 47 (1977)

Development and Production Drilling Permit

Area	Block no.	Lease no.	Operator	Well no.	Approval date
St. p Shoal	86	3580	Mobil	2	7/13/83

Availability: MMS, Gulf of Mexico Region.

LEASE SALE 45 (1978)

Development and Production Drilling Permit

Area	Block no.	Lease no.	Operator	Well no.	Approval date
Eugene Island	25	3778	Odeco	1	7/25/83

Availability: MMS, Gulf of Mexico Region.

LEASE SALE 51 (1978)

Development and Production Drilling Permits

Area	Block no.	Lease no.	Operator	Well no.	Approval date
Eugene Island	191	3995	McMoRan	A-2	7/18/83
Eugene Island	191	3995	McMoRan	A-4	7/22/83

Availability: MMS, Gulf of Mexico Region.

LEASE SALE 58 (1979)

Development and Production Drilling Permit

Area	Block no.	Lease no.	Operator	Well no.	Approval date
Vermilion	339	4261	Exxon	A-6	7/1/83

Availability: MMS, Gulf of Mexico Region.

LEASE SALE A62 (1980)

Development and Production Drilling Permits

Area	Block no.	Lease no.	Operator	Well no.	Approval date
West Cameron	211	4392	Atlantic Richfield	C-4	7/28/83
Vermilion	118	4427	CNG	A-5	7/1/83
South Marsh Island	236	4437	Texaco	B-2	7/29/83
Main Pass	321	4486	Gulf	3	7/19/83

Availability: MMS, Gulf of Mexico Region.

LEASE SALE 62 (1980)

Development and Production Drilling Permit

Area	Block no.	Lease no.	Operator	Well no.	Approval date
High Island	A-472	4586	Pennzoil	A-6	7/28/83

Availability: MMS, Gulf of Mexico Region.

LEASE SALE 67 (1982)

Development and Production Drilling Permit

Area	Block no.	Lease no.	Operator	Well no.	Approval date
Matagorda Island	622	5000	Amoco	C-3	7/15/83

Availability: MMS, Gulf of Mexico Region.

STEP 14. PIPELINES

30 CFR 250.18
30 CFR 256.101
(formerly 43 CFR 1740)

A permit is required for pipeline transportation across the OCS. (MMS has permit jurisdiction over offshore pipelines that are wholly contained within or extend beyond the boundaries of a single lease, the boundaries of unitized leases, or the boundaries of adjacent leases under the same lessee or operator.)

The MMS permit is granted by the Regional Manager on behalf of the Director of MMS. The right-of-way is granted by the Manager of the MMS regional office. It includes the corridor through which the common-carrier pipelines are emplaced and the site on which associated structures are situated. MMS, with the participation of other agencies, as appropriate, permits the locations of pipeline rights-of-way. The Fish and Wildlife Service prepares and submits reports to MMS concerning potential effects on biological resources that might result from pipeline construction in proposed right-of-way corridors. MMS also performs a technical review and makes a hazards analysis of the proposed pipeline routes. An environmental analysis is prepared in accordance with applicable policies and guidelines.

In addition, the U.S. Army Corps of Engineers requires permits for the construc-

tion of pipelines in navigable waters. Regulations for offshore pipelines are also issued by the Department of Transportation's Materials Transportation Bureau, and by the Federal Energy Regulatory Commission for natural gas pipelines. State and local agencies are responsible for pipeline regulation in State waters and their coastal zones.

A computerized printout of pipeline permits by operator for the Gulf of Mexico Region is available for a fee from Minerals Management Service, Gulf of Mexico Region, Public Records Office, P.O. Box 7944, Metairie, LA 70010.

STEP 15. PRODUCTION

30 CFR 250.37 - 250.72
250.90 - 250.96

With the approval of the Minerals Management Service, the individual lessees determine the amount and duration of production. Once production begins, monthly reports of operations and royalty payments must be submitted to MMS. Lessees must also comply with all safety and operating requirements of the Minerals Management Service and the U.S. Coast Guard. In addition, lessees must obtain MMS approval of any significant modification of production equipment or procedures. The term of a particular lease will be extended beyond the initial term, as long as production

is occurring or drilling or well reworking operations are being conducted with lapses of no more than 90 days after the end of the primary term or when a suspension has been granted in accordance with 30 CFR 250.12.

Details concerning production can be obtained from the **Gulf of Mexico Summary Report (Outer Continental Shelf Oil and Gas Activities in the Gulf of Mexico and their Onshore Impacts: A Summary Report, September 1980, and the updates to that report.**

Quarterly and annual reports of operations in the Gulf of Mexico Region are available for review at the Minerals Management Service, Gulf of Mexico Region, 3301 North Causeway Boulevard, Metairie, Louisiana.

STEP 16. LEASE CANCELLATION, EXPIRATION, OR RELINQUISHMENT

30 CFR 250.15, 250.20, 250.34a
30 CFR 256.77
(formerly 43 CFR 3320)

Lessees may allow leases to expire at the end of their initial term unless the leases are extended through production or approved drilling or well reworking operations. Leases may also be surrendered by filing a written relinquishment with the appropriate MMS regional office.

A producing lease is subject to Federal review and may be canceled by the Secretary of the Interior for noncompliance with the provisions of the OCS Lands Act or applicable regulations. Nonproducing leases may also be canceled by an authorized officer, subject to judicial review, for noncompliance with the OCS Lands Act or applicable regulations. The Secretary of the Interior may cancel a lease (1) when continued activity under the lease could potentially cause serious harm or damage to life, property, any mineral, national security, or the marine, coastal, or human environment; (2) when the threat of harm or damage will not disappear or decrease to an acceptable extent within a reasonable period of time; or (3) when the advantages of cancellation outweigh the advantages of continuing the lease in effect.

At the time of abandonment, wellheads must be plugged and cut off below the surface of the ocean floor and other bottom obstructions must be removed. MMS is responsible for all official record title actions. Official administrative records are maintained by each MMS regional office and are available to the public.

A list of active offshore leases for the Gulf of Mexico region is available for a fee from the Minerals Management Service, Gulf of Mexico Region, Public Records Office, 3301 North Causeway Boulevard, P.O. Box 7944, Metairie, LA 70010.

4. Ongoing Programs

There are four programs that generate, review, or report offshore-related data used on a continuous basis from prelease activities through production. These are MMS's geological and geophysical surveys and analyses, Regional Technical Working Group (RTWG) activities, regional environmental and socioeconomic studies, and the OCS Oil and Gas Information Program. Each of these programs is described in this chapter.

GEOLOGICAL AND GEOPHYSICAL SURVEYS AND ANALYSES

30 CFR 251 and 40 CFR 1500-1508

Geological and geophysical surveys and analyses provide most of the resource information used by the Government and industry on the oil-and-gas potential of various offshore areas. The collection of geological and geophysical data begins prior to the lease sale and continues throughout the offshore leasing process. The MMS regional offices issue prelease geological and geophysical exploration permits to specialized data-collection firms and industry.

Prior to issuing any permit to conduct geological and geophysical surveys, MMS conducts an environmental analysis of the potential effects of the proposed survey activities. In cases where the permit involves drilling or the use of explosives, the environmental analysis is documented in an environmental assessment. If it is determined that the survey activities proposed would

constitute a major Federal action significantly affecting the quality of the human environment, an environmental impact statement is prepared.

All permit holders must immediately notify the Director of MMS in writing of the acquisition of any geological or geophysical data or information collected under the permit. The Director may inspect and require submission of, on a proprietary basis, all data and information. When any significant hydrocarbon occurrences are detected or environmental hazards are encountered on unleased lands during drilling operations, the Director immediately issues a public announcement. Unless the release of geological or geophysical data and information is governed by a contractual agreement that establishes specific terms for public release, the disclosure requirements in effect on the date a permit is issued will govern the public release of such data and information obtained and submitted to the Director under that permit. Public data and information are made available through the National Geophysical Data Center, National Oceanic and Atmospheric Administration, and may be inspected at the MMS regional office that acquired the data.

States may review relevant proprietary data and information that have been submitted to the Director of MMS at locations designated by the Secretary of the Interior, pursuant to section 26(d)(2) of the OCS Lands Act Amendments of 1978. This section requires that an official be appointed by the Governor to inspect the data and information and that the State be subject to certain provisions of confidentiality.

Deep Stratigraphic Test (DST) Wells

Prior to an Outer Continental Shelf lease offering, deep stratigraphic test (DST) wells (occasionally referred to by industry as Continental Offshore Stratigraphic Test (COST) wells) may be drilled by groups of oil companies in an area proposed for leasing. The geological and engineering data obtained are evaluated by the participating oil companies and the Minerals Management Service to determine if a hydrocarbon potential exists in the area and whether there are any possible drilling problems.

The public disclosure provision of the regulations on geological and geophysical explorations of the OCS (30 CFR 251.14) specifies that geological data and information from deep stratigraphic tests, including analyzed and interpreted information, shall be released 60 days after the issuance of the first Federal lease within 50 geographical miles (92.6 km) of the completed test site, or 10 years after the well completion if no lease is issued. This stipulation has been included in the stipulations attached to the permits for DST well operations.

A brief history of the Gulf of Mexico Region DST wells is presented in table 2, along with reference to U.S. Geological Survey open-file reports that contain more detailed information on the wells. Figure 6 (p. 15) shows the locations of Gulf of Mexico COST Well No. 1 and COST Well No. 2.

REGIONAL TECHNICAL WORKING GROUP

In each of the four OCS leasing regions (Atlantic, Gulf of Mexico, Pacific, and Alaska), Regional Technical Working Groups (RTWG) have been established. The RTWG represent one of three types of committees comprising the National OCS Advisory Board; the others are the Policy Committee and the Environmental Scientific Committee. The National OCS Advisory Board provides advice

to the Secretary of the Interior and to other officers in the Department of the Interior on the performance of discretionary functions of the OCS Lands Act as amended (43 U.S.C. 1331 et seq.), including all aspects of leasing, exploration, development, and production of the resources of the Outer Continental Shelf.

After accumulating and evaluating information, the RTWG advises the Director on technical matters of regional concern regarding prelease and postlease activities and on environmental study requirements for each offshore leasing region. Thus, RTWG activities concern every aspect of the leasing program under MMS jurisdiction. Each RTWG is composed of representatives of the affected States, MMS, the Fish and Wildlife Service, the U.S. Coast Guard, the Environmental Protection Agency, the National Oceanic and Atmospheric Administration, the Department of Energy, the oil-and-gas industry, and other special and private interests that exist in the leasing region. Every RTWG is co-chaired by a State representative, who is elected by all the State representatives on the committee, and by the Regional Manager or designee.

REGIONAL ENVIRONMENTAL AND SOCIOECONOMIC STUDIES

30 CFR 256.82 (formerly 43 CFR 3331)

The Environmental Studies Program was initiated in 1973 with a series of information syntheses on the environmental characteristics of the various offshore regions. The program was formalized in section 20 of the OCS Lands Act Amendments of 1978 (Public Law 95-372), which requires the Secretary to conduct a study of any area or region included in any oil-and-gas lease sale in order to establish information needed for assessment of the human, marine, and coastal environments of the Outer Continental Shelf and the coastal areas that may be affected by oil-and-gas development there. The Environmental Studies Program is a multidisciplinary program employing the physical, chemical, and biological sciences to examine impacts from offshore development

TABLE 2.—DST wells in the Gulf of Mexico

Well no.	Area and block	Spud date	Completion date	Maximum depth feet (m)	Operator	USGS Open-File Reports ¹
1	South Padre Island 1076-L	8/25/74	11/13/74	15,763 (4,805)	Phillips	73-170
2	Mustang Island A-29	12/6/74	2/19/75	13,090 (3,962)	Superior	73-294

SOURCE: USGS.

¹Available at cost from Open-File Services Section, Branch of Distribution, U.S. Geological Survey, Box 24225, Federal Center, Denver, CO 80225.

on air quality, marine and coastal environments, the human environment, and other special concerns.

In response to the Secretary's streamlining initiatives in 1982, the scope and emphasis of the studies program has changed to include postlease monitoring and lease management decisions, as well as prelease assessment. Thus, the studies program begins providing information for the development of the 5-year leasing schedule, continues to address prelease and lease-related decisions, and develops monitoring information for postlease management decisions. Information is acquired to answer questions regarding the following:

- location and characteristics of sensitive areas of environmental concern;
- probability of adverse impacts from industry operations to the human, biological, and physical environment;
- design and evaluation of stipulations to protect or mitigate adverse impacts in these sensitive areas; and
- evaluation of social, economic, and physical impacts.

The Environmental Studies Program is under the direction of the MMS's Deputy Associate Director for Offshore Leasing in the Environmental Assessment Division. The program consists of an environmental studies group in each of the MMS regional offices (Atlantic, Gulf of Mexico, Pacific, and Alaska) and in the MMS Branch of Environmental Studies in Washington, D.C. The regional offices are responsible for developing statements of regional study needs (Regional Studies Plans), preparing statements of work, evaluating requests for proposals, and monitoring contractor performance on all approved regional studies. The Branch of Environmental Studies has the overall management, planning, and budgeting responsibilities for the studies program. The Chief of the Branch of Environmental Studies is responsible for the technical adequacy of the program, and the regional offices are responsible for the technical adequacy of the program's component studies. The Branch of Environmental Studies (1) prepares program guidance for the MMS regional offices to use in the preparation of Regional Studies Plans, (2) establishes national priorities, (3) compiles the National Study List, and (4) manages some generic studies that are applicable to more than one leasing region.

The process of developing the National Study List usually begins with the Branch of Environmental Studies, through the Deputy

Associate Director, establishing the schedule within which the regional offices are to prepare Regional Studies Plans. These plans include statements of regional study needs, of the regional perspective on the priorities of these needs, and a brief description of each proposed study and its estimated cost. The Branch of Environmental Studies reviews draft Regional Studies Plans from all four regional offices for programmatic consistency, cost, use of ranking criteria, and relevance to issues of national interest. The regional offices revise their respective study plans accordingly. Following the submission of final study plans, the Branch of Environmental Studies compiles a National Study List. Copies of the current Regional Studies Plans may be obtained by contacting the appropriate MMS regional office. The National Study List is available from the Branch of Environmental Studies.

The MMS regional offices procure the studies on the approved study list unless a proposed change is approved by the MMS's Deputy Associate Director. This permits the regional offices to respond to unanticipated study needs that arise between compilations of study plans, and it also ensures the continuity of program initiatives.

The RTWGs are also involved in the development of regional study programs. These groups focus primarily on the determination of issues that require study and their importance to regional decisionmakers. Further, the RTWGs review the draft Regional Studies Plan and are briefed on the status of regional studies on the National Study List. The Committees are advised of studies that are approved for funding, and they may also be involved in the design of and decisions on approved studies.

The Scientific Committee of the OCS Advisory Board provides guidance on the studies program to the Director of MMS. The Branch of Environmental Studies is the point of contact for their recommendations. In addition to providing reviews of the regional study plans in terms of feasibility and scientific merit, they also provide recommendations concerning the long-range

development of the studies program and new program initiatives.

The end result of the Environmental Studies Program is a diverse base of information for each offshore area, which is used by MMS in its decisionmaking. Additionally, copies of the various studies are made available for review at the MMS regional offices. Limited numbers of copies are available for distribution. The OCS Oil and Gas Information Program also endeavors to notify the public of the availability of regional environmental studies.

OCS OIL AND GAS INFORMATION PROGRAM

30 CFR 252
30 CFR 256.10
(former 43 CFR 3300.2)

Section 26 of the OCS Lands Act, as amended in 1978, calls for the establishment of an Outer Continental Shelf Oil and Gas Information Program. This section requires submission and public dissemination of oil and gas data and information that result from exploration, development, and production activities. Procedures and requirements established for the OCS Oil and Gas Information Program, now managed by the Office of Offshore Information Services, are contained in 30 CFR 252.3, 252.4, and 252.5, and 30 CFR 256.10. These regulations require the Director of MMS make available to affected States a regional summary report of information and data. The summary reports are designed to assist State and local governments in planning for onshore impacts of potential offshore oil and gas development and production. The regulations also require the Director of MMS to provide affected States with an index, such as this document, that lists all relevant, actual, or proposed programs, plans, reports, environmental impact statements, and lease offering information used by the Federal Government in its decisionmaking process. Neither of these documents is to contain proprietary information.

Appendix A. Listing of Federal Agencies -- Headquarters and Regional

Appendix A provides a listing of some of the Federal agencies involved in the offshore leasing process. Numerous agencies are involved in this process, and not all are mentioned in this index. For agencies included, an offshore contact is indicated. Should further information be desired, an attempt has been made to provide general locator numbers for listed agencies and departments. These numbers are listed adjacent to the agency title in boldface type.

Mailing addresses and telephone listings are organized alphabetically by department or agency headquarters; the participating regional or field offices follow immediately after the headquarters offices with which they are associated. To prepare a full mailing address, use the name of the agency or department, the particular office designation you wish, and any other pertinent information such as mail-stop code or box number.

COUNCIL ON ENVIRONMENTAL QUALITY

(202) 395-5700

722 Jackson Place, NW.
Washington, DC 20006

A. Alan Hill, Chairman

(202) 395-5080

DEPARTMENT OF COMMERCE

(202) 377-2000

National Oceanic and Atmospheric Administration

(301) 443-8910

14th and Constitution Avenue, NW.
Room 5128
Washington, DC 20230

John Byrne, Administrator

(202) 377-3567

National Environmental Satellite
Data and Information Service
National Geophysical Data Center
NOAA/NESDIS
Mail Code E/GC
325 Broadway
Boulder, CO 80303

Michael A. Chinnery, Director

(303) 497-6215

National Marine Fisheries Service
Office of Habitat Protection
Page Building 2, Room 168
3300 Whitehaven Street, NW.
Washington, DC 20235

Kenneth R. Roberts, Division Director

(202) 634-7490

National Ocean Service
National Marine Pollution Program Office
11400 Rockville Pike
Room 610
Rockwall Building
Rockville, MD 20852

Andrew Robertson, Director

(301) 433-8823

Oceanic and Atmospheric Research
Sea Grant
6010 Executive Boulevard
Rockville, MD 20852

Ned A. Ostenso, Director

(301) 443-8923

Office of Ocean and Coastal Resource Management*
3300 Whitehaven Street, NW.
Washington, DC 20235
(* formerly the Office of Coastal Zone Management)

Peter L. Tweedt, Director

(202) 634-4232

Coastal Programs Division
James P. Burgess, Chief (Acting)

(202) 634-1672

Ann Berger-Blundon
Gulf Regional Manager

(202) 254-7546

Sanctuary Programs Division
Nancy Foster, Chief

(202) 634-4236

DEPARTMENT OF DEFENSE

(202) 545-6700

Office of the Assistant Secretary
Manpower, Reserve Affairs and Logistics
The Pentagon, Room 3E808
Washington, DC 20301

Lawrence J. Korb, Assistant Secretary

(202) 695-5254

U.S. Army Corps of Engineers

DAEN-CWZ-P (202) 272-0103
Pulaski Building
20 Massachusetts Avenue, NW.
Washington, DC 20314

Lt. Col. Thomas H. Magness III, Assistant Director of
Civil Works, Environmental Program

Office of the Chief of Engineers (Regulatory Functions) (202) 272-0200
DAEN-CWO-N

Lt. Gen. J. K. Bratton, Chief of Engineers (202) 272-0001

B. N. Goode, Chief, Regulatory Branch (202) 272-0199

U.S. Army Corps of Engineers Permit Offices:

Galveston District (713) 766-3929
P.O. Box 1229
Galveston, TX 77553

Mobile District (205) 690-2660
P.O. Box 2288
Mobile, AL 36628

New Orleans District (504) 838-2255
P.O. Box 60267
New Orleans, LA 70160

FEDERAL ENERGY REGULATORY COMMISSION

(202) 357-5000

Office of Regulatory Analysis
825 North Capitol Street, NE.
Room 3000
Washington, DC 20426

Robert C. Means, Director (202) 357-8191

Office of Pipeline and Producer Regulations
Room 7000

Kenneth A. Williams, Director (202) 357-8500



DEPARTMENT OF THE INTERIOR**(202) 343-7220**

Office of the Secretary
18th and C Streets, NW.
Room 6151
Washington, DC 20240

William P. Clark, Secretary

(202) 343-7351

Assistant Secretary

Policy, Budget and Administration
Room 5100

Vacant

(202) 343-6181

Water and Science
Room 6654

Robert N. Broadbent (Designate)

(202) 343-2186

Fish and Wildlife and Parks
Room 3156

G. Ray Arnett

(202) 343-4416

Land and Minerals Management
Room 6611

Garrey E. Carruthers

(202) 343-2191

Indian Affairs
Room 4160

Kenneth L. Smith

(202) 343-7163**Bureau of Indian Affairs**

Operations
1951 Constitution Avenue, N.W.
Washington, DC 20245

John W. Fritz, Deputy Assistant Secretary

(202) 343-5116

Environmental Services Staff
Code 204

George R. Farris, Chief

(202) 343-4541

Bureau of Indian Affairs: Area Office

Eastern:

1951 Constitution Avenue, NW.
Code 1000
Washington, DC 20245

Harry A. Rainbolt, Area Director

(703) 235-2571

Fish and Wildlife Service

18th and C Streets, NW.
Room 3256
Washington, DC 20240

Robert A. Jantzen, Director

(202) 343-4717

Ecological Services
Branch of OCS Operations
18th and C Streets, NW.
Washington, DC 20240

Russell D. Earnest, Division Chief

(202) 343-3245

Fish and Wildlife Service: Regional Offices

Region 2 - Western and Central Gulf of Mexico:
OCS Coordinator
P.O. Box 1306
Albuquerque, NM 87103

(505) 766-3590

Region 4 - Central and Eastern Gulf of Mexico:
OCS Coordinator
Richard B. Russell Federal Building
75 Spring Street, SW.
Suite 1276
Atlanta, GA 30303

(404) 221-6343

Geological Survey

Office of the Director
National Center
12201 Sunrise Valley Drive
MS 101
Reston, VA 22092

Dallas L. Peck, Director

(703) 860-7411

Geologic Division (MS 911)

Robert M. Hamilton, Chief

(703) 860-6531

Office of Energy and Marine Geology (MS 915)
Terry W. Offield, Chief

(703) 860-6431

Minerals Management Service

(703) 435-6298

U.S. Department of the Interior
18th and C Streets, NW.
Washington, DC 2024012203 Sunrise Valley Drive
Reston, VA 22091William D. Bettenberg, Director
18th and C Streets, NW.
Room 4212, MS 610

(202) 343-3500

John Sullivan, Special Assistant to
the Director for Royalty Management
18th and C Streets, NW.
Room 4215, MS 610

(202) 343-3500

Associate Director for Offshore Minerals Management
John B. Rigg
18th and C Streets, NW.
Room 4223, MS 640

(202) 343-3530

Office of Offshore Information Services
Michele M. Tetley, Chief
18th and C Streets, NW.
Room 2518, MS 640

(202) 343-9314

Outer Continental Shelf Information Program
12203 Sunrise Valley Drive
MS 640

(703) 860-7166

Deputy Associate Director for Offshore Leasing
Carolita Kallaur
18th and C Streets, NW.
Room 4225, MS 641

(202) 343-3504

Offshore Resource Evaluation Division
Gary Lore, Chief (Acting)
12203 Sunrise Valley Drive
MS 643

(703) 860-7835

Branch of Geologic and Geophysical Studies Michael Hunt, Chief (Acting)	(703) 860-7571
Branch of Economic Studies Marshall Rose, Chief	(703) 860-7567
Branch of Resource Assessment Vacant	(703) 860-7567
Offshore Leasing Management Division Chris Oynes, Chief (Acting) 18th and C Streets, NW. Room 2505, MS 645	(202) 343-6906
Branch of Planning and Coordination Abigail B. Miller, Chief (Acting)	(202) 343-3116
Branch of Sales Activities Sandra E. Seim, Chief	(202) 343-5121
Offshore Environmental Assessment Division Piet deWitt, Chief (Acting) 18th and C Streets, NW. Room 2042, MS 644	(202) 343-2097
Branch of Environmental Evaluation William Van Horn, Chief	(202) 343-6264
Branch of Environmental Studies Herb Kaufman, Chief (Acting)	(202) 343-7744
Branch of Environmental Operations John T. Goll, Chief	(703) 860-6461
Deputy Associate Director for Offshore Operations Richard Krah 12203 Sunrise Valley Drive MS 642	(703) 860-7558
Offshore Rules and Operations Division Price McDonald, Chief 12203 Sunrise Valley Drive MS 646	(703) 860-7564
Branch of Rules, Orders and Standards David A. Schuenke, Chief	(703) 860-7916
Branch of Lease Exploration Gerald R. Daniels, Chief	(703) 860-7564

Branch of Development and Production
Gerald D. Rhodes, Chief

(703) 860-6461

Offshore Inspection and Enforcement Division
Marshall L. Courtois, Chief
12203 Sunrise Valley Drive
MS 647

(703) 860-6809

Branch of Technology Assessment and Research
John B. Gregory, Chief

(703) 860-7865

Branch of Monitoring and Penalties
William J. Shoger, Chief (Acting)

(703) 860-6809

Minerals Management Service: OCS Regional Offices

Minerals Management Service/Leasing
620 East 10th
P.O. Box 1159
Anchorage, AK 99510

(907) 276-2955

Alaska OCS Region:
Minerals Management Service/Operations
800 A Street
Anchorage, AK 99501

(907) 271-4303

Alan D. Powers, Regional Manager

(907) 271-4304

Atlantic OCS Region:
Minerals Management Service
1951 Kidwell Drive
Suite 601
Vienna, VA 22180

(703) 285-2168

Bruce Weetman, Regional Manager (Acting)

(703) 285-2168

Gulf of Mexico OCS Region:
Minerals Management Service
3301 North Causeway Boulevard
P.O. Box 7944
Metairie, LA 70010

John L. Rankin, Regional Manager

(504) 837-4720

Pacific OCS Region:
Minerals Management Service
1340 W. 6th Street
Los Angeles, CA 90017

William E. Grant, Regional Manager

(213) 688-2050

National Park Service

Division of Natural Resources Management
1100 L Street, NW. - Mail Code 545
Washington, DC 20240

Roland H. Wauer, Chief

(202) 343-7004

Office of the Solicitor

Division of Energy and Resources
18th and C Streets, NW.
Room 6310, MS 43
Washington, DC 20240

Lawrence Jensen, Associate Solicitor

(202) 343-5757

DEPARTMENT OF JUSTICE

(202) 633-2000

10th and Pennsylvania Avenue, NW.
Washington, DC 20530

William French Smith, Attorney General

(202) 633-2001

Antitrust Division
Energy Section
414 11th Street, NW.
Room 9317
Washington, D.C. 20530

Melanie S. Cutler, Chief

(202) 724-6410

Land and Natural Resources Division
General Litigation Section
10th and Constitution Avenue, NW.
Room 2133
Washington, DC 20530

Myles E. Flint, Chief

(202) 633-2704

DEPARTMENT OF TRANSPORTATION

(202) 426-4000

400 Seventh Street, SW.
Washington, DC 20590

Elizabeth Dole, Secretary

(202) 426-1111

Office of Environment and Safety
Environmental Coordination Division (P-23)
400 Seventh Street, SW.
Room 9422
Washington, DC 20590

Eugene L. Lehr, Chief

(202) 426-4366

U.S. Coast Guard**(202) 426-2158**

2100 Second Street, SW.
Room 2212
Washington, D.C. 20593

Admiral James S. Gracey, Commandant

(202) 426-2390

Office of Marine Environment and Systems
Room 1200B

Rear Admiral Bobby F. Hollingsworth, Chief

(202) 426-2007

Offshore Activities/Foreign Vessel Safety Branch
Commander David Zawadzki, Chief

(202) 472-5160**U.S. Coast Guard: District Office**

Eighth Coast Guard District
Hale Boggs Federal Building
500 Camp Street
New Orleans, LA 70130

(504) 589-6298**Materials Transportation Bureau**

Office of Pipeline Safety Regulation
400 Seventh Street, SW.
Room 8101
Washington, DC 20590

Richard L. Beam
Associate Director

(202) 426-2392**Office of Pipeline Safety Regulation: Regional Office**

Regional Chief, Southwest Region
2320 Labbranch
Houston, TX 77004

(713) 750-1746**ENVIRONMENTAL PROTECTION AGENCY****(202) 382-2090**

Office of the Administrator
401 M Street, SW.
A-100
Washington, DC 20460

William J. Ruckelshaus, Administrator

(202) 382-4700

Office of Federal Activities, A-104
Alan Hirsch, Director (Acting)

(202) 382-5053

Environmental Protection Agency: Regional Administrator's Office

Region VI

First International Building
1201 Elm Street
Dallas, TX 75270

(214) 767-2600

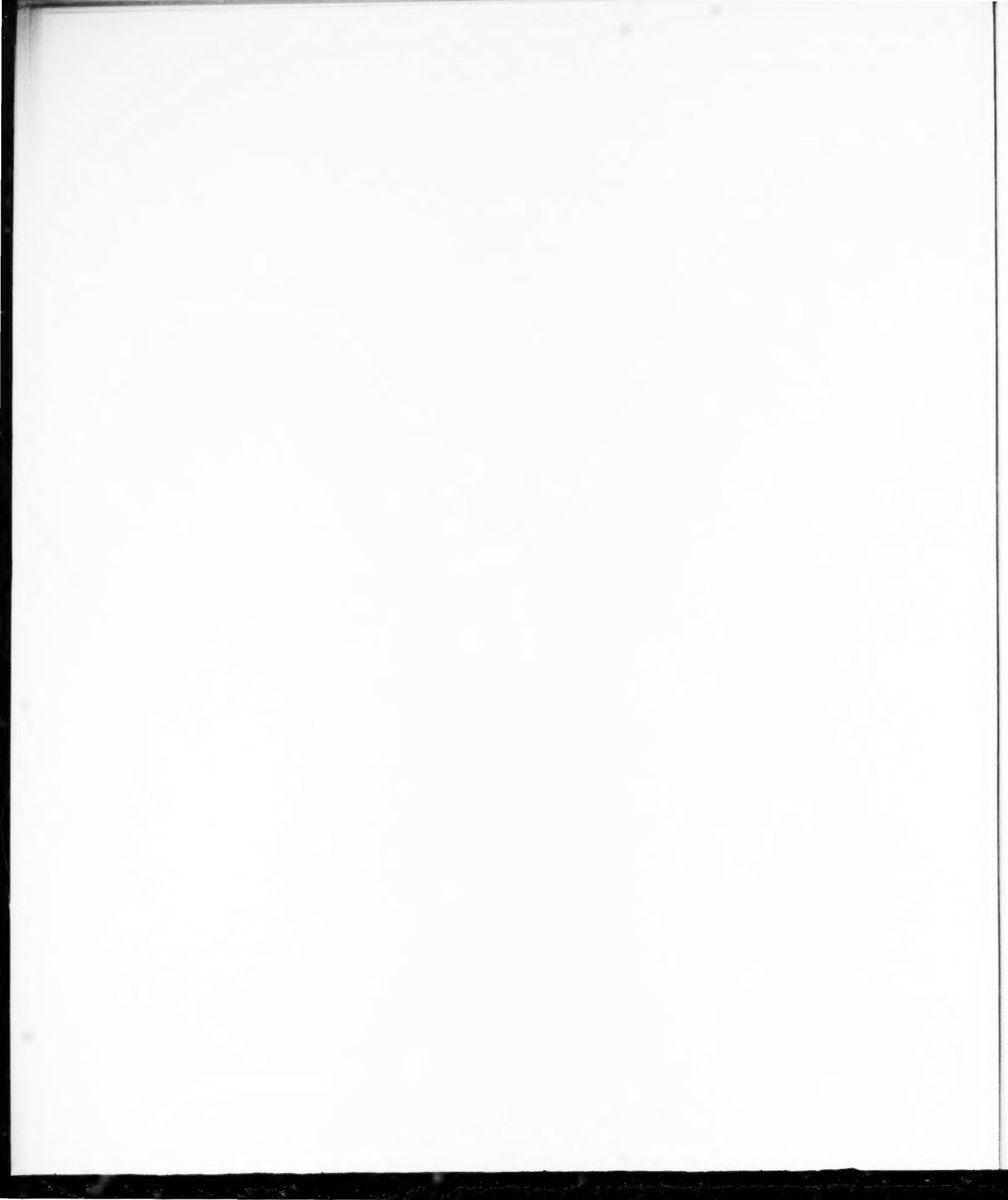
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

(202) 755-2320

Management Support Division
Code LB4
400 Maryland Avenue, SW.
Washington, DC 20546

Nathaniel B. Cohen, Director

(202) 755-8383



Appendix B. Listing of Gulf of Mexico Region State Agencies and their Offshore-Related Functions

This appendix describes State and local participation in the Federal offshore leasing process, as well as the autonomous responsibilities of States for offshore-related activities. The specific State agencies in the Gulf coast States that are or could be involved in offshore-related activities are also presented. These agencies, their mailing addresses, telephone numbers, and the names of people to contact are listed alphabetically in the following tables.

To prepare a full mailing address, use the name of the agency or department, the particular office designation you wish, and any other pertinent information such as mail-stop code or box number. In cases where the full address is not given, use the first complete address immediately above the office in which you are interested.

STATE PARTICIPATION IN THE FEDERAL OFFSHORE LEASING PROCESS

The Federal Government, represented by the Department of the Interior, coordinates and consults with affected States and, through States, with local governments, during the Federal offshore leasing process.

Federal/State interaction begins with the review of the proposed OCS oil-and-gas leasing schedule. Several steps throughout the leasing process require the Federal Government to invite and consider suggestions from the Governors of the potentially affected States. A Governor of a State, usually through a designated agency or office, may invite potentially affected local government and

pertinent State agencies to comment on the action. This designated agency or office is usually responsible for coordinating State and local responses by distributing the documents or information to the pertinent State agencies and local governments and submitting the responses to the Secretary of the Interior. The Secretary of the Interior may then incorporate the State's positions in making decisions on various lease offering options.

Postlease exploration plans and development and production plans are sent to the potentially affected States for review and comment prior to the approvals granted by the Secretary of the Interior for the initiation of industry activity. The process for this review varies from State to State. Many States have an agency responding to the postlease activities different from the one that responded to the prelease activities.

Gulf of Mexico States respond under section 307 of the Coastal Zone Management Act because they have an approved Coastal Zone Management Program. Section 307 mandates that such States review exploration plans and development and production plans, as well as all activities described in the plans, for consistency with approved State coastal zone management programs. Upon concurrence by the State with the consistency determination, all activities described in detail and otherwise approved (in some cases conditional approvals subject to State consistency determinations are given) can be conducted. The following tables indicate the agencies in the Gulf of Mexico that are responsible for consistency determination review. These agencies usually distribute the plans and coordinate the responses (either of concurrence or objection) to the consistency determination. If the State

does not submit a concurrence or a written statement describing the status of review to the Secretary of the Interior within 3 months after the receipt of the exploration plan or the development and production plan (section 307(c)(ii) and 15 CFR 930.79 of the Coastal Zone Management Act, as amended by section 504 of the OCS Lands Act), it is presumed that the State has no objection to the consistency determination, and the Minerals Management Service can approve the proposed industry activity.

The four Federal programs described in chapter 4 also provide opportunities for State participation.

AUTONOMOUS STATE RESPONSIBILITIES FOR OFFSHORE-RELATED ACTIVITIES

State governments issue permits for various offshore-related activities in State waters, including the planning and construction of nearshore and onshore oil and gas facilities such as pipelines, terminals,

refineries, and ports. Planning for and construction of these facilities usually occur during development and production phases of the Federal offshore leasing process described in chapter 3. Permits issued by State agencies in the Gulf of Mexico are also listed in the following tables.

State coastal zone management programs and coastal energy impact programs are important in planning for and mitigating the impacts of retrieving oil and gas from Federal waters. The agencies responsible for these programs are also listed in the following tables.

STATE AGENCY LISTINGS

State agencies involved in the offshore leasing process are presented in tables 3, 4, 5, 6, and 7. In these tables, the responsibilities of State agencies that are directly related to the Federal leasing process are indicated by a **NOTE**. Space has been left open on the table for other contacts and notes the reader may wish to record.

TABLE 3.—ALABAMA: State responsibilities related to offshore oil and gas activities

STATE AGENCY	RESPONSIBILITIES	OTHER CONTACTS AND NOTES
DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES		
Administrative Building 64 North Union Street Montgomery, AL 36130		
John W. Hodnett Commissioner (205) 832-6361		
State Lands Division Robert A. Macrory Director (205) 832-6354	Administers leases, easements, and sale of State lands for pipelines, dredging, etc.	
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT		
State Capitol Montgomery, AL 36130	- Administers Alabama's Coastal Zone Management Program - Federally approved in 1979 - Designates coastal areas of particular concern	
Joe B. Broadwater Director (205) 834-1303	- Issues certificates: of compliance or consistency for permits issued for the coastal zone by other agencies - Reviews and comments on other agency applications for: energy facilities and construction operation plans and certification; construction on beaches, dunes, and in the 100-year floodplain area	
	NOTE: The following responsibilities are directly related to the Federal leasing process:	
	- Comments on the following leasing steps: 5. Proposed notice of lease offering 9. Environmental analysis for exploration 12. Environmental analysis for development and production - Reviews consistency determination for the following leasing steps: 8. Exploration plan and environmental report 11. Development and production plan and environmental report 14. Pipelines - Reviews nonproprietary information in geological and geophysical surveys and analyses	
Air Division Richard E. Grusnick Director (205) 832-6670	Issues permits: air quality	
Land Division Dan Cooper Director (205) 834-1303	Issues permits: hazardous and solid wastes handling/disposal	
Water Division Joe B. Broadwater Director (205) 277-3630	- Issues permits: NPDES; dredge and fill; wastewater facilities - Issues certificates: water quality	
GEOLOGICAL SURVEY/STATE OIL AND GAS BOARD		
P.O. Drawer O University, AL 35486		
Dr. Ernest Mancini Director and State Geologist (205) 349-2852	NOTE: The following responsibilities are directly related to the Federal leasing process: - OCS Policy Committee member - Regional Technical Working Group member; advises on regional environmental studies	

TABLE 3.—ALABAMA: State responsibilities related to offshore oil and gas activities—Continued

STATE AGENCY	RESPONSIBILITIES	OTHER CONTACTS AND NOTES
	- o Comments, coordinates, and distributes responses on the following leasing steps: 1. Call for information 5. Proposed notice of lease offering - o Comments and coordinates responses on the following leasing steps: 3. Draft environmental impact statement 9. Environmental analysis for exploration 12. Environmental analysis for development and production - o Comments on the following leasing steps: 8. Exploration plan and environmental report 10. Exploration drilling 11. Development and production plan and environmental report 13. Development and production drilling 14. Pipelines - o Reviews nonproprietary information in geological and geophysical surveys and analyses - o Comments on and distributes information on MMS's OCS Oil and Gas Information Program	
GOVERNOR'S OFFICE		
State Capitol Montgomery, AL 36130	NOTE: The following responsibility is directly related to the Federal leasing process:	
George C. Wallace Governor (205) 832-6535	o Appoints special official to review proprietary information in geological and geophysical surveys and analyses	
HIGHWAY DEPARTMENT		
11 South Union Street Montgomery, AL 36130	o Advises on transportation planning and facilities	
Ray D. Bass Director (205) 832-5440		
HISTORICAL COMMISSION		
725 Monroe Street Montgomery, AL 36130	o Designates historical and archeological sites	
F. Lawrence Oaks Executive Director (205) 832-6622		
OFFICE OF STATE PLANNING AND FEDERAL PROGRAMS		
3465 Norman Bridge Road P.O. Box 2939-9939 Montgomery, AL 36105	o Participates in the Coastal Energy Impact Program	
Ned Butler Chief (205) 285-3082		
Clearinghouse Donna Snowden Coordinator (205) 284-4958	NOTE: The following responsibilities are directly related to the Federal leasing process:	
	o Coordinates and distributes responses on the following leasing steps: 3. Draft environmental impact statement 9. Environmental analysis for exploration 12. Environmental analysis for development and production	

TABLE 3.—ALABAMA: State responsibilities related to offshore oil and gas activities—Continued

STATE AGENCY	RESPONSIBILITIES	OTHER CONTACTS AND NOTES
PUBLIC SERVICE COMMISSION		
P.O. Box 991 Montgomery, AL 36102		
Tim Sullivan President (205) 832-5176		
Gas Pipeline Safety Division Larry E. Waldrop Administrator (205) 832-3410	o Administers safety standards for natural gas pipelines	
STATE DOCKS DEPARTMENT		
P.O. Box 1588 Mobile, AL 36633	o Issues permits: construction of dock structures in navigable waters	
Robert M. Hope Director (205) 690-6112		

TABLE 4.—FLORIDA: State responsibilities related to offshore oil and gas activities

STATE AGENCY	RESPONSIBILITIES	OTHER CONTACTS AND NOTES
DEPARTMENT OF COMMUNITY AFFAIRS		
Howard Building 2571 Executive Center Circle, East Tallahassee, FL 32301		
Dr. John DeGrave Secretary (904) 488-8466		
Division of Local Resource Management James E. Murley Director (904) 488-2356	- o Administer regional impacts program for ports, oil and gas storage, industrial parks, electric transmission lines - o Designate areas of critical concern	
Office of Federal Coastal Programs Tim Quinn Administrator (904) 488-9210	- o Administer CEIP - o Coordinate State/local OCS program	
DEPARTMENT OF ENVIRONMENTAL REGULATION		
Twin Towers Office Building 2630 Blair Stone Road Tallahassee, FL 32301		
Victoria Tschinkel Secretary (904) 488-4805		
Office of Coastal Management David Worley Administrator (904) 488-9560	o Administer Coastal Zone Management Program - approved September 1981	
	NOTE: The following responsibilities are directly related to the Federal leasing process:	
	- o Consistency certification and concurrence on the following steps in the offshore leasing process (step numbers correspond to chapter 3b): 3. Proposed notice of lease offering 8. Exploration plan and environmental report 11. Development and production plan and environmental report 14. Pipelines	
Division of Environmental Permitting Steve Fox Director (904) 488-6130	o Issue permits: industrial siting certificate; air quality; NPDES; water quality certificate; wastewater facilities; water well drilling; water impoundments; dredge and fill; hazardous waste handling and disposal; solid waste handling and disposal	
Division of Environmental Programs Howard L. Rhodes Director (904) 487-1855		
DEPARTMENT OF NATURAL RESOURCES		
1990 Commonwealth Boulevard Tallahassee, FL 32303		
Erton T. Gissendanner Executive Director (904) 488-1554		
Division of Marine Resources Edwin A. Joyce Director (904) 488-6038		

TABLE 4.—FLORIDA: State responsibilities related to offshore oil and gas activities—Continued

STATE AGENCY	RESPONSIBILITIES	OTHER CONTACTS AND NOTES
Bureau of Marine Research 100 8th Avenue, SE St. Petersburg, FL 33701 Karen Steidinger Chief (813) 896-8626		
Division of Beaches and Shores 3900 Commonwealth Boulevard Deborah Athos Director (904) 488-3180	- o Issue permits: shore protection structure - o Enforce coastal construction setback line	
Division of Resource Management Charles W. Hendry, Jr. Director (904) 488-3177		
Bureau of Geology Gunter Building 903 West Tennessee Street Tallahassee, FL 32304 Steve Windham Chief (904) 488-4191	o Issue permits: oil and gas production facilities (e.g., pipelines, terminals)	
Division of State Lands 3900 Commonwealth Boulevard James McFarland Director (904) 488-2725	o Issue permits: activities in State-owned submerged lands	
DEPARTMENT OF STATE		
The Capitol Tallahassee, FL 32301		
George Firestone Secretary (904) 488-3680		
Division of Archives, History and Records Management 500 South Brunough Street R.A. Gray Building, Suite 305 Tallahassee, FL 32301 Randall Kelley Director (904) 488-1480		
Bureau of Historic Preservation George Percy Chief (904) 487-2333	- o Designate historic sites - o Issue permits: archeological and historical site disturbances	
Bureau of Archeological Research James Miller Chief (904) 487-2333	- o Designate archeological sites - o Issue permits: archeological site disturbances	

TABLE 4.—FLORIDA: State responsibilities related to offshore oil and gas activities—Continued

STATE AGENCY	RESPONSIBILITIES	OTHER CONTACTS AND NOTES
GOVERNOR'S OFFICE		
The Capitol Tallahassee, FL 32301		
Bob Graham Governor (904) 488-2272		
Office of Planning and Budgeting Room 915, Carlton Building Tallahassee, FL 32301 John T. Herndon Director (904) 488-7810	NOTE: The following responsibilities are directly related to the Federal leasing process: - o Comment and distribute information on MMS's OCS Oil and Gas Information Program (ongoing) - o Comment, distribute, and coordinate response on resource reports - o Comment, distribute, and coordinate response on proposed OCS oil-and-gas leasing schedule - o Comment, distribute, and coordinate response on the following steps in the offshore leasing process (step numbers correspond to chapter 3): 1. Call for information 2. Area identification 3. Draft environmental impact statement 5. Proposed notice of lease offering 8. Exploration plan and environmental report 9. Environmental analysis for exploration 10. Exploration drilling 11. Development and production plan and environmental report 12. Environmental analysis for development and production 13. Development and production drilling 14. Pipelines	
Natural Resources Policy Unit Room 404 Ken Woodburn Policy Coordinator (904) 488-5551	- o Develop State policy - o Prepare State responses	
Deborah L. Tucker Gulf of Mexico RTWG OCS Representative (904) 488-5551 Elizabeth A. Gauthier South Atlantic RTWG OCS Representative (904) 488-5551	NOTE: The following responsibilities are directly related to the Federal leasing process: - o Advise on RTWG regional environmental studies (ongoing) - o Chair Interagency OCS Advisory Committee, which comments on the following steps in the offshore leasing process (step numbers correspond to chapter 3): 1. Call for information 3. Draft environmental impact statement 5. Proposed notice of lease offering 8. Exploration plan and environmental report 9. Environmental analysis for exploration 10. Exploration drilling 11. Development and production plan and environmental report 12. Environmental analysis for development and production 13. Development and production drilling 14. Pipelines	
STATE UNIVERSITY SYSTEM OF FLORIDA		
Collins Building 107 West Gaines Street Tallahassee, FL 32301		
Barbara W. Newell Chancellor (904) 488-4234		
Florida Institute of Oceanography 830 First Street, South St. Petersburg, FL 33701 William W. Behrens Director (813) 893-9100	o Participate in OCS Policy Committee	

TABLE 4.—FLORIDA: State responsibilities related to offshore oil and gas activities—Continued

STATE AGENCY	RESPONSIBILITIES	OTHER CONTACTS AND NOTES
Murice Rinkel Assistant Director OCS Policy Committee State OCS Representative (813) 893-9100	NOTE: The following responsibilities are directly related to the Federal leasing process: - o Advise on RTWG regional environmental studies (ongoing) - o Participate in OCS Advisory Board - o Comment on resource reports - o Comment on the following steps in the offshore leasing process (step numbers correspond to chapter 3): 1. Call for information 2. Area identification 3. Draft environmental impact statement 5. Proposed notice of lease offering 8. Exploration plan and environmental report 9. Environmental analysis for exploration 10. Exploration drilling 11. Development and production plan and environmental report 12. Environmental analysis for development and production 13. Development and production drilling 14. Pipelines	

TABLE 5.—LOUISIANA: State responsibilities related to offshore oil and gas activities

STATE AGENCY	RESPONSIBILITIES	OTHER CONTACTS AND NOTES
DEPARTMENT OF CULTURE, RECREATION, AND TOURISM		
P.O. Box 44361 Baton Rouge, LA 70804		
Mrs. Lawrence H. Fox Secretary (504) 925-3800		
Division of Archeology P.O. Box 44247 Dr. Kathleen Byrd State Archeologist (504) 342-6680	o Designates archeological sites	
Division of Historic Preservation P.O. Box 44247 Ann Jones Director (504) 342-6682	o Designates historical sites	
DEPARTMENT OF NATURAL RESOURCES		
P.O. Box 44396 625 North Fourth Street Baton Rouge, LA 70804		
Frank P. Simoneaux Secretary (504) 342-4500		
	NOTE: The following responsibilities are directly related to the Federal leasing process:	
	o OCS Policy Committee member	
	o Comments, coordinates, and distributes responses on: proposed OCS oil-and-gas leasing schedule; resource reports	
	o Comments, coordinates, and distributes responses on the following leasing steps:	
	1. Call for information	
	5. Proposed notice of lease offering	
	9. Environmental analysis for exploration	
	12. Environmental analysis for development and production	
	o Comments on the following leasing steps:	
	3. Draft environmental impact statement	
	8. Exploration plan and environmental report	
	10. Exploration drilling	
	11. Development and production plan and environmental report	
	13. Development and production drilling	
	14. Pipelines	
Air Quality Division P.O. Box 44066 Gus Von Bodungen Administrator (504) 342-1206	o Issues permits: air quality	
Division of Hazardous Waste P.O. Box 44066 Gerald D. Healy Administrator (504) 342-1227	o Issues permits: hazardous waste handling/disposal	
Division of Solid Waste P.O. Box 44066 John Koury Administrator (504) 342-1216	o Issues permits: solid waste handling/disposal	

TABLE 5.—LOUISIANA: State responsibilities related to offshore oil and gas activities—Continued

STATE AGENCY	RESPONSIBILITIES	OTHER CONTACTS AND NOTES
Division of State Lands P.O. Box 44124 Steve Zerangue Administrator (504) 342-4577	Regulates leases, easements on State water bottoms	
Coastal Management Section P.O. Box 44396 Joel Lindsey Administrator (504) 342-7591	- Participates in the Coastal Energy Impact Program - Administers Louisiana's Coastal Zone Management Program - federally approved approved in 1980 - Designates coastal areas of particular concern; issues permits for "coastal use" NOTE: The following responsibilities are directly related to the Federal leasing process: - Reviews consistency determination for the following leasing steps: 8. Exploration plan and environmental report 11. Development and production plan and environmental report 14. Pipelines - Comments on the following leasing steps: 9. Environmental analysis for exploration 12. Environmental analysis for development and production	
Geological Survey Box G., University Station Baton Rouge, LA 70893 Dr. Charles G. Groat State Geologist (504) 342-6754	- Issues permits: dredge and fill - Conducts geological and geophysical surveys (with the Department of Wildlife and Fisheries) NOTE: The following responsibilities are directly related to the Federal leasing process: - Comments on nonproprietary information in geological and geophysical surveys and analyses - Regional Technical Working Group member - Advises on regional environmental studies - Comments on and distributes information on MMS's OCS Oil and Gas Information Program	
Office of Conservation P.O. Box 44275 Baton Rouge, LA 70804 Patrick H. Martin Commissioner (504) 342-5500	Issues permits: oil and gas production facilities (e.g., pipelines, terminals)	
Water Pollution Control Program P.O. Box 44066 J. Dale Givens Administrator (504) 342-6363	- Issues permits: industrial pollution discharge; wastewater facilities - Issues certificates: water quality	

**DEPARTMENT OF TRANSPORTATION
AND DEVELOPMENT**

P.O. Box 44245
Capitol Station
Baton Rouge, LA 70804

Paul J. Hardy
Secretary
(504) 342-7501

TABLE 5.—LOUISIANA: State responsibilities related to offshore oil and gas activities—Continued

STATE AGENCY	RESPONSIBILITIES	OTHER CONTACTS AND NOTES
Office of Public Works P.O. Box 44155 Darrel Williamson Assistant Secretary, Department of Transportation and Development (504) 342-7547	o Issues permits: water wells	
Offshore Terminal Authority P.O. Box 44245 N.R. de Gravelles Executive Director (504) 342-7896	o Regulates offshore terminal	
DEPARTMENT OF URBAN AND COMMUNITY AFFAIRS 5790 Florida Boulevard P.O. Box 44455 Baton Rouge, LA 70804 Linton Ardoin Secretary (504) 925-3702		
State Clearinghouse Office George Miller Federal Program Analyst (504) 925-3722	NOTE: The following responsibilities are directly related to the Federal leasing process: - o Coordinates and distributes responses on the following leasing steps: 3. Draft environmental impact statement 9. Environmental analysis for exploration 12. Environmental analysis for development and production	
DEPARTMENT OF WILDLIFE AND FISHERIES P.O. Box 15570 Baton Rouge, LA 70895 Jesse J. Guidry Secretary (504) 342-3625		
Ecological Studies Section M. B. Watson Coordinator (504) 342-9274	- o Issues permits: geological and geophysical surveys (with Department of Natural Resources); oyster bed disturbances - o Administers severance tax for fill material - o Issues permits: natural and scenic river disturbances	
GOVERNOR'S OFFICE P.O. Box 44004 State Capitol, 4th Floor Baton Rouge, LA 70804 David C. Treen Governor (504) 342-7015		
	NOTE: The following responsibility is directly related to the Federal leasing process: o Appoints special official to review proprietary information in geological and geophysical surveys and analyses, according to Section 26 (d)(2)(e)	

TABLE 6.—MISSISSIPPI: State responsibilities related to offshore oil and gas activities

STATE AGENCY	RESPONSIBILITIES	OTHER CONTACTS AND NOTES
DEPARTMENT OF ARCHIVES AND HISTORY		
P.O. Box 571 Jackson, MS 39205	o Designates archeological and historical sites	
Elbert R. Hilliard Director (601) 359-1424		
DEPARTMENT OF NATURAL RESOURCES		
P.O. Box 20305 Jackson, MS 39209		
Charlie L. Blalock Executive Director (601) 961-5000		
Bureau of Geology P.O. Box 5348 Jackson, MS 39216 Alvin R. Bicker, Jr. Director and State Geologist (601) 354-6228	NOTE: The following responsibility is directly related to the Federal leasing process: o Comments on nonproprietary information in geological and geophysical surveys and analyses.	
Bureau of Land and Water Resources P.O. Box 10631 Jackson, MS 39209 Charles T. Branch Director (601) 961-5202	o Regulates activities to withdraw surface or groundwater	
Bureau of Pollution Control P.O. Box 10385 Jackson, MS 39209 Charles H. Chisolm Director (601) 961-5100	o Issues permits: air quality; NPDES o Issues certificates: water quality	
DEPARTMENT OF WILDLIFE CONSERVATION		
P.O. Box 451 Jackson, MS 39205		
Lon Strong Executive Director (601) 961-5300		
Bureau of Marine Resources P.O. Drawer 959 Long Beach, MS 39560 Dr. Richard L. Leard Director (601) 864-4602	o Participates in the Coastal Energy Impact Program o Administers Mississippi's Coastal Zone Management Program - federally approved in 1980 NOTE: The following responsibilities are directly related to the Federal leasing process: o Regional Technical Working Group member o Advises on regional environmental studies o Comments on nonproprietary information in geological and geophysical surveys and analyses o Comments on and distributes information on MMS's OCS Oil and Gas Information Program o Comments, coordinates, and distributes response on: proposed OCS oil-and-gas leasing schedule; resource reports	

TABLE 6.—MISSISSIPPI: State responsibilities related to offshore oil and gas activities—Continued

STATE AGENCY	RESPONSIBILITIES	OTHER CONTACTS AND NOTES
Wetlands Division Joe Gill Chief (601) 864-4652	- o Comments, coordinates, and distributes responses on the following leasing steps: 1. Call for information 3. Draft environmental impact statement 5. Proposed notice of lease offering 9. Environmental analysis for exploration 10. Exploration drilling 12. Environmental analysis for development and production 13. Development and production drilling - o Reviews consistency determination for the following leasing steps: 8. Exploration plan and environmental report 11. Development and production plan and environmental report 14. Pipelines - o Issues permits: certain activities in public wetlands; dredge and fill; bulkheads - o Designates waterfront industrial sites and reviews siting applications	
GOVERNOR'S OFFICE		
P.O. Box 139 Jackson, MS 39205 William F. Winter Governor (601) 359-3150	NOTE: The following responsibility is directly related to the Federal Leasing process: - o Appoints special official to review proprietary information in geological and geophysical surveys and analyses, according to Section 26 (d)(2)(e) - o OCS Policy Committee member	
Charles Deaton Assistant to the Governor for Natural Resources, Transportation, and Economic Development (601) 359-3100 Federal-State Programs, Planning and Policy Elia Tardly, Coordinator (601) 359-3065	- o Coordinates and distributes responses on the following leasing steps: 3. Draft environmental impact statement 9. Environmental analysis for exploration 12. Environmental analysis for development and production	
PUBLIC SERVICE COMMISSION		
P.O. Box 139 Jackson, MS 39205 Norman A. Johnson, Jr. Commissioner (601) 354-7111	o Issues certificate: intrastate pipeline activities	

TABLE 6.—MISSISSIPPI: State responsibilities related to offshore oil and gas activities—Continued

STATE AGENCY	RESPONSIBILITIES	OTHER CONTACTS AND NOTES
STATE BOARD OF HEALTH		
P.O. Box 1700 Jackson, MS 39205		
Dr. Alton B. Cobb State Health Officer (601) 354-6612		
Division of Solid Waste Management P.O. Box 10385 Jackson, MS 39205 Jack McMillan Director (601) 961-5062	o Issues permits: solid and hazardous wastes handling/disposal	
SECRETARY OF STATE		
P.O. Box 136 Jackson, MS 39205		
Edwin Lloyd Pittman (601) 359-1350		
Public Lands Division P.O. Box 136 Jackson, MS 39205 A. Michael Espy Director (601) 359-1383	o Regulates leasing of State-owned lands for pipelines and other facilities	
STATE OIL AND GAS BOARD		
P.O. Box 1332 Jackson, MS 39205	o Regulates oil and gas production within the State	
Dr. Richard Henderson Supervisor (601) 359-3725		

TABLE 7.—TEXAS: State responsibilities related to offshore oil and gas activities

STATE AGENCY	RESPONSIBILITIES	OTHER CONTACTS AND NOTES
AIR CONTROL BOARD		
6330 Highway 290 East Austin, TX 78723	o Issues permits: air quality	
Bill Stewart, P.E. Director (512) 451-5711		
DEPARTMENT OF HIGHWAYS AND PUBLIC TRANSPORTATION		
11th and Brazos Streets Austin, TX 78701	o Advises on transportation planning and facilities	
Mark G. Goode Director (512) 475-3525		
DEPARTMENT OF WATER RESOURCES		
P.O. Box 13987 Capitol Station Austin, TX 78711	o Administers regulations for oilspill prevention and cleanup	
Charles E. Nemir Executive Director (512) 475-3187	o Issues permits: waste disposal wells NPDES water levee construction water well drilling water use, storage, diversion (with Railroad Commission) solid and hazardous wastes handling/disposal	
	o Issues certificates: water quality	
GENERAL LAND OFFICE		
Stephen F. Austin Building 1700 North Congress Austin, TX 78701	o Reviews applications, if impacting on State lands, for harbor and port facilities; industrial facilities; structures necessary for drilling site access (tugs, channels, canals, roads, disposal sites); access roads for oil and gas projects; dredge and fill; water impoundments.	
Garry Maurer Commissioner (512) 475-2071	o Identifies "critical" dune areas	
	o Issues leases for State lands	
	o Regulates easements for oil- and gas-related facilities	
	NOTE: The following responsibilities are directly related to the Federal leasing process:	
	o Monitors operations and construction in Federal water at the State water portion for the following leasing steps:	
	14. Pipelines	
GOVERNOR'S OFFICE		
P.O. Box 12528 Capitol Station Austin, TX 78711	NOTE: The following responsibilities are directly related to the Federal leasing process:	
Mark White Governor (512) 475-9101	o Appoints special official to review proprietary information in geological and geophysical surveys and analyses, according to Section 26 (d)(2)(e)	

TABLE 7.—TEXAS: State responsibilities related to offshore oil and gas activities—Continued

STATE AGENCY	RESPONSIBILITIES	OTHER CONTACTS AND NOTES
Budget and Planning Office P.O. Box 13561 Bill Hamilton Director (512) 475-8491	- o Comments, coordinates, and distributes responses on: proposed OCS oil-and-gas lease schedule; resource; resource reports - o Comments, coordinates, and distributes responses on the following leasing steps: 1. Call for information 5. Proposed notice of lease offering 8. Exploration plan and environmental report 10. Exploration drilling 11. Development and production plan and environmental report 13. Development and production drilling 14. Pipelines - o Comments on nonproprietary information in geological and geophysical surveys and analyses - o Comments on and distributes information on MMS's OCS Oil and Gas Information Program	
Regional Planning Section Darla Parker Review Coordinator (512) 475-6156	- o Comments, coordinates, and distributes response on: 3. Draft environmental impact statement 9. Environmental analysis for exploration 12. Environmental analysis for development and production	
HISTORICAL COMMISSION		
P.O. Box 12276 Austin, TX 78711 Curtis Tunnell Executive Director (512) 475-3092	- o Designates archeological and historical sites - o Issues permits: archeological and historical site disturbance	
RAILROAD COMMISSION		
P.O. Drawer 12967 Capitol Station Austin, TX 78711 Mack Wallace Chairman (512) 445-1100	- o Issues permits: geological and geophysical surveys; pipelines; liquid petroleum/gas storage; water use, storage, and diversion (with Department of Water Resources) NOTE: The following responsibilities are directly related to the Federal leasing process: - o Monitors operations and construction in Federal water at the State water junction for the following leasing step: 14. Pipelines	
TEXAS ENERGY AND NATURAL RESOURCES ADVISORY COUNCIL		
200 East 18th Street Austin, TX 78701 Bill Hamilton Executive Director (512) 475-0414	o Advises on energy and natural resource policy development	
UNIVERSITY OF TEXAS		
Bureau of Economic Geology University Station, Box X Austin, TX 78712 Dr. William L. Fisher E.G. Wernund Associate Director (512) 471-1534	NOTE: The following responsibilities are directly related to the Federal leasing process: - o OCS Policy Committee member - o Regional Technical Working Group member	

Appendix C. Federal Depository Libraries

Under provisions of title 44 of the United States Code, certain libraries are designated depositories for Federal Government publications. Through them, Federal Government documents are made available to residents of every State, the District of Columbia, Guam, Puerto Rico, and the Virgin Islands. Distribution to the libraries is made by the Office of the Superintendent of Documents. A list of the libraries that have received pre-

lease offering environmental impact statements (EIS's) from the MMS Gulf of Mexico regional office is published in the **Federal Register** in the notice of availability for environmental impact statements. In addition, the following libraries may have received prelease offering EIS's for the Gulf of Mexico area or can be contacted for assistance in obtaining the documents for review.

Alabama

Mobile:

Mobile Public Library
Governmental Information Division
546 Davis Avenue
Mobile, AL 36603
(205) 438-7092

University of South Alabama Library
Government Documents Department
Mobile, AL 36688
(205) 460-7024

Florida

Tampa:

Tampa-Hillsborough County Public Library
Documents Department
900 North Ashley Street
Tampa, FL 33602
(813) 223-8969

University of Tampa
Merl Kelce Library
401 West Kennedy Boulevard
Tampa, FL 33606
(813) 253-8861

Louisiana

Baton Rouge: Louisiana State University Library
Middleton Library
Government Documents Department
Baton Rouge, LA 70803
(504) 388-2570

New Orleans: New Orleans Public Library
Business & Science Division
219 Loyola Avenue
New Orleans, LA 70140
(504) 524-7382, ext.35

Mississippi

Hattiesburg: University of Southern Mississippi
Joseph A. Cook Memorial Library
Southern Station Box 5053
Hattiesburg, MS 34901
(601) 266-4252

Texas

Galveston: Rosenberg Library
2310 Sealy Avenue
Galveston, TX 77550
(713) 763-8854, ext. 29

Houston: Houston Public Library
Government Documents Section
500 McKinney Avenue
Houston, TX 77002
(713) 224-5441, ext. 298

Kingsville: Texas Arts and Industries University
Jernigan Library
Documents Department
Kingsville, TX 78363
(512) 595-3916

Appendix D. Additional Offshore-Related Information

OCS ORDERS

Outer Continental Shelf Orders are issued² by the Minerals Management Service (MMS) for each area (Gulf of Mexico, Pacific, Alaska, and Atlantic). These orders govern oil and gas operations and specify procedures and practices that must be followed during exploration and development and production activities. OCS Orders were most recently published in January 1980, with revisions issued in August 1980. Copies of the Gulf of Mexico Orders are available from the Regional Manager, Minerals Management Service, Gulf of Mexico Region, P.O. Box 7944, 3301 North Causeway Boulevard, Metairie, LA 70010.

Fourteen OCS Orders have been issued for leases in the Gulf of Mexico. The Gulf of Mexico OCS Orders are as follows:

- Order No. 1 - Identification of wells, platforms, structures, mobile drilling units, and subsea objects.
- Order No. 2 - Drilling operations: includes specifications for plans and applications; drilling from fixed platforms and mobile drilling units; well casing and cementing; directional surveys; blowout-preventer equipment; mud program; supervision, surveillance, and training; hydrogen sulfide; critical operations and curtailment plans; field drilling rules; and departures.
- Order No. 3 - Plugging and abandonment of wells.
- Order No. 4 - Determination of well producibility.
- Order No. 5 - Production safety systems: includes pollution-control requirements.
- Order No. 6 - Procedure for completion of oil and gas wells.
- Order No. 7 - Pollution prevention and control.
- Order No. 8 - Platform and structure design and installation.
- Order No. 9 - Approval procedure for oil and gas pipelines.
- Order No. 10 - Sulfur drilling procedures.
- Order No. 11 - Oil and gas production rates, prevention of waste, and protection of correlative rights.
- Order No. 12 - Public inspection of records.
- Order No. 13 - Production measurement and commingling.
- Order No. 14 - Approval of suspensions of production.

OCS STATISTICAL SUMMARY

The OCS Statistical Summary is currently being revised by the MMS's Gulf of Mexico Regional Office. The four volumes previously published by the Bureau of Land

Management are out of print and are no longer being distributed. Revised volumes now available at cost from the Public Records Office at the address listed below include: 1954-1960, 1961-1965, 1966-1968, 1969-1972, 1973, 1974, and 1975. Each volume includes a brief summary of selected data on the various region's lease sales or offerings held in the calendar year(s) covered by that particular volume. Information is presented by lease sale or offering and includes such data as sale date and type, bid type, and total number of tracts and acreage offered, bid upon, and leased. Monetary data include total bonus accepted and average per acre, total number of tracts receiving bids and total amount of all bids received, highest bid per acre, and total of first year rentals. Important dates and **Federal Register** notices pertinent to each sale or lease offering and some lease specifications are also given. The Statistical Summary also contains a bid recap, which lists all tracts receiving bids, the OCS lease numbers assigned to these tracts, the amount of each bid received and participating companies with percentage of interest. High bids rejected because of insufficiency are also identified.

Copies of any volume of the OCS Statistical Summary are available at cost from the Gulf of Mexico OCS Region, Minerals Management Service, P.O. Box 7944, 3301 North Causeway Boulevard, Metairie, LA 70010. Individual copies of bid recaps for a particular lease offering are available at cost from the appropriate MMS regional office for a period of time following the lease offering.

MINERALS MANAGEMENT SERVICE OCS STANDARDS

The Minerals Management Service has issued two standards for oil and gas operations on offshore leases. These standards, which are compilations of specifications for certain offshore oil and gas activities and uniformly applicable to all Federal offshore regions, are

incorporated into the OCS orders. Standards issued are as follows:

- safety requirements for drilling operations in a hydrogen sulfide environment (MMSS-OCS-1);
- training and qualifications of personnel in well-control equipment and techniques for drilling on offshore locations (MMSS-OCS-T1, 2nd ed.);
- operating procedures for OCS Platform Verification Program (October 1979);
- requirements for verifying the structural integrity of OCS platforms (October 1979);
- appendixes to requirements for verifying the structural integrity of OCS platforms (October 1979); and
- commentary on requirements for verifying the structural integrity of OCS platforms (October 1979).

For more information on MMS Standards, contact the MMS office noted on the inside front cover of this index.

REPRODUCTION OF FEDERAL DOCUMENTS

Regulations concerning the availability to the public of Department of the Interior documents are contained in title 43, Code of Federal Regulations (CFR), part 2. Subpart A of 43 CFR 2 concerns the availability of opinions issued in the adjudication of cases and of administrative manuals. Copies of final decisions and orders issued in appeals from Department decisions relating to the use and disposition of offshore lands and mineral resources are available for inspection and

copying in the Office of Hearings and Appeals, Ballston Building No. 3, 4015 Wilson Boulevard, Arlington, VA 22203.

Subpart B of 43 CFR 2 defines Department of the Interior procedures for Freedom

of Information Act (5 U.S.C. 552) requests. The procedures in this subpart are not applicable to requests for records published in the **Federal Register** or made available under subpart A.

Glossary

Definitions presented in the glossary describe terms as they have been used in the index series. The glossary is intended for general reference only: for detailed descriptions of technical or specialized terms, the reader should seek a reference in the field of particular interest.

Sources used in compiling this glossary were the Gulf of Mexico, Mid-Atlantic, South Atlantic, Pacific, Gulf of Alaska, and Gulf of Mexico Summary Reports; the OCSIP Atlantic, Pacific, Gulf of Mexico, and Alaska Indexes; the NERBC-RALI Factbook; Webster's Third New International Dictionary; the American Geological Institute's Dictionary of Geological Terms; and Langenkamp's Handbook of Oil Industry Terms and Phrases (2d ed.).

Acidizing - A technique for increasing the flow of oil from a well by pumping acid downhole and into the rock formation. Hydrochloric acid is pumped or forced under high pressure into a limestone formation to dissolve the limestone and enlarge the cavity.

Block - An administrative geographical area, as portrayed on an official MMS protraction diagram or leasing map, that contains approximately 9 square miles (5,693 acres or 2,304 hectares).

Categorical Exclusion Review (CER) - See Environmental analysis.

Continental Shelf - A broad, gently sloping, shallow feature extending from the shore to the Continental Slope.

Continental Slope - A relatively steep, narrow feature paralleling the Continental Shelf; the region in which the steepest descent to the ocean bottom occurs.

Critical operations and curtailment plan - A plan for possible offshore emergencies prepared and submitted by the oil/gas operator to the applicable District Supervisor. Gulf of Mexico OCS Order No. 2 specifies the requirements of this plan.

Development - Activities that take place following exploration for, discovery of, and delineation of minerals in commercially attractive quantities (including but not limited to geophysical activity, drilling, platform construction, and operation of all directly related onshore support facilities) and that are for the purpose of ultimately producing the minerals discovered.

Development and production plan - A plan describing the specific work to be performed, including all development and production activities that the lessee(s) propose(s) to undertake during the time period covered by the plan and all actions to be undertaken up to and including the commencement of sustained production. The plan also includes descriptions of facilities and operations to be used, well locations, current geological and geophysical information, environmental safeguards, safety standards and features, time schedules, an oilspill contingency plan, and other relevant information. Under 30 CFR 250.34-2, all lease operators are required to formulate and obtain approval of such plans by the Director of the Minerals Management Service before development and production activities may commence.

Environmental analysis - A broad category of environmental reviews or documents required under the National Environ-

mental Policy Act of 1969 (NEPA). If an initial environmental analysis warrants further study the investigation may proceed to more formal environmental assessment and, from there, to an environmental impact statement (EIS) or a finding of no significant impact (FONSI). A categorical exclusion review (CER) exempts certain activities from more formal environmental review.

CER - In OCS areas where a proposed activity has been declared to have no significant impact on the environment, a categorical exclusion review can be issued exempting that activity from further formalized NEPA review.

Environmental assessment - A concise public document required by the National Environmental Policy Act of 1969 for which a Federal agency is responsible that provides evidence and analysis for determining whether to prepare an environmental impact statement or a finding of no significant impact.

Environmental impact statement - A document required by the National Environmental Policy Act of 1969 or similar State law in relation to any action significantly affecting the environment.

FONSI - When the results of an environmental assessment indicate that there will be no significant impact from the proposed activity, a FONSI is issued, and no EIS is required.

Exploration - The process of searching for minerals. Exploration activities include (1) geophysical surveys where magnetic, gravity, seismic, or other systems are used to detect or infer the geologic conditions conducive to the accumulation of such minerals, and (2) any drilling, except development drilling, whether on or off known geologic structures. Exploration also includes the drilling of a well in which a discovery of oil or natural gas in paying quantities is made and the drilling of any additional

well, after such a discovery that is needed to delineate a reservoir and to enable the lessee to determine whether to proceed with development and production.

Exploration plan - A plan based on all available relevant information about a leased area that identifies, to the maximum extent possible, all the potential hydrocarbon accumulations and wells that the lessee(s) propose(s) to drill to evaluate the accumulations within the entire area of the lease(s) covered by the plan. An exploration plan includes an oilspill contingency plan and shallow hazards assessment. Under 30 CFR 250.34-1, all lease operators are required to formulate and obtain approval of such plans by the Director of the Minerals Management Service before exploration activities may commence.

Federal Register (F.R.) - A daily publication (Monday through Friday) distributed by the Superintendent of Documents, U.S. Government Printing Office, that provides a uniform system for making available to the public regulations and legal notices issued by Federal agencies.

Finding of No Significant Impact (FONSI) - See Environmental analysis.

Fracture treatment - An intentional shattering of a formation using a downhole probe in an effort to increase the porosity of an otherwise less pervious rock.

Geographic mile - A unit equal to 6,076.115 feet or 1,852 meters.

Geologic hazard - A feature or condition that, if unmitigated, may seriously jeopardize offshore oil and gas exploration and development activities. Mitigation may necessitate special engineering procedures or relocation of a well.

Geophysical - Of or relating to the physics of the Earth, especially the measurement and interpretation of geophysical properties of the rocks in an area.

- Geophysical survey** - The exploration of an area in which geophysical properties and relationships unique to the area are measured by one or more geophysical methods.
- Hydrocarbon** - Any of a large class of organic compounds containing primarily carbon and hydrogen, comprising paraffins, olefins, members of the acetylene series, alicyclic hydrocarbons, and aromatic hydrocarbons; occurring in petroleum, natural gas, coal, and bitumens.
- Information area** - The geographical area covered by the call for information of an offshore oil and gas lease offering.
- Lease** - A contract authorizing exploration for and development and production of minerals; the land covered by such a contract.
- Lease offering** - The public opening of competitive sealed bids offered by companies or individuals bidding for the right to explore for and develop certain minerals within a defined period of time.
- Lease sale** - See Lease offering.
- Lease term** - For oil and gas leases, a period of either 5 years or up to and not to exceed 10 years (the longer leases are awarded when necessary to encourage exploration and development in areas where water is unusually deep water or other unusually adverse conditions exist).
- Nautical mile** - See Geographic mile.
- Oilspill contingency plan** - A plan submitted by the oil/gas lessee along with or prior to a submission of a plan of exploration or a plan of development/production that details provisions for fully defined, specific actions to be taken following discovery and notification of an oilspill. Gulf of Mexico OCS Order No. 7 specifies the requirements of this plan.
- Outer Continental Shelf (OCS)** - All submerged lands that comprise the Continental Margin adjacent to the United States and seaward of State offshore lands (see OCS Lands Act). The OCS has been subject to Federal jurisdiction and control since enactment of the Submerged Lands Act of 1953 (43 U.S.C. 1301 and 1302).
- Plug** - Filling a well's bore hole with cement or other impervious material to prevent the flow of water, gas, or oil from one strata to another when a well is abandoned.
- Plug back** - Filling up the lower section of the well bore to produce from a formation higher up. If the well has been cased, the casing is plugged back with cement to a likely formation and then perforated.
- Proprietary data** - Geologic and geophysical data and immediate derivatives thereof that cannot be released to the general public because of restrictions imposed by contracts, Federal regulations, or statutes.
- Statute mile** - A unit equal to 5,280 feet or about 1,609 meters.
- Summary report** - (1) Document prepared by the Department of the Interior pursuant to 30 CFR 252.4 that is intended to inform affected State and local governments as to current OCS resource and reserve estimates, projections of magnitude and timing of development, transportation planning, and general location and nature of nearshore and onshore facilities; also, (2) document prepared by the MMS in response to the request for resource reports discussing the general geology, potential mineral resources, and geological hazards of the broad offshore area under consideration for leasing.
- Tract** - A tract is an administrative unit offered at a sale that may consist of a block or more than a single block. It is an administrative method of numbering blocks offered for sale so that there is a sequential process of offering. Therefore, block numbers, tract numbers, and lease numbers may differ.

Outer Continental Shelf Oil and Gas Information Program:
Gulf of Mexico Index (September 1982 - July 1983)

If you find this Index useful and would like to receive subsequent Indexes, please provide us with your current address by returning this completed card to our office.

Name _____

Address _____

_____ Zip _____

Organization _____

Phone _____

Comments _____

PLEASE NOTE: If you are automatically receiving editions of this report, there is no need for you to return this postcard.

Affix
Stamp
Here

OCS Information Program
Office of Offshore Information Services
Minerals Management Service
12203 Sunrise Valley Drive, MS 640
Reston, VA 22091